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Forest Service

North Central Research Station

Resource Bulletin NC-216



Indiana Timber Industry—An Assessment of Timber Product Output and Use, 2000

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2003
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FOREWORD

In this bulletin we discuss recent Indiana forest industry trends and report the results of a detailed study of the forest industry, industrial roundwood production, and associated primary mill wood and bark residue in Indiana in 2000. Such detailed information is necessary for intelligent planning and decisionmaking in wood procurement, forest resources management, and forest industry development. Likewise, researchers need current forest industry and industrial roundwood information for planning projects.

Special thanks are given to the primary wood-using firms for supplying information for this study and to the Indiana Department of Natural Resources, Division of Forestry, for canvassing the respondents. Their cooperation is greatly appreciated.

All board foot data in this report have been converted to International 1/4-inch scale by applying a multiplier of 1.08 to all roundwood volumes reported in Scribner Decimal C scale by sawmills and handle mills, a multiplier of 1.04 to all roundwood volumes reported in Scribner Decimal C scale by veneer and cooperage mills, a multiplier of 1.38 to all roundwood volume reported in Doyle scale by sawmills and handle mills, and a multiplier 1.14 to all roundwood volume reported in Doyle scale by veneer and cooperage mills.

Tables in the appendix relating to saw log and veneer log volumes, and to sawtimber removal volumes are presented in both International 1/4-inch rule and Doyle rule. International 1/4-inch rule is the USDA Forest Service standard while Doyle rule is the common measure used in Indiana by forest industries and land management agencies.

The last published report from a detailed study of all industrial roundwood output in Indiana was for 1995. Most comparisons in this report are with the 1995 study results. When new surveys are completed, errors and omissions from previous surveys are corrected. As a result of our ongoing efforts to improve the survey's efficiency and reliability, changes may have been made to the previous survey's data. All comparisons and analysis in this report are based on the reprocessed data from earlier surveys, which may not match earlier published data. Rows and columns may not sum due to rounding, but data in each table cell are accurately displayed.

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Indiana Timber Industry—An Assessment of Timber Product Output and Use, 2000

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HIGHLIGHTS

PRIMARY TIMBER INDUSTRY—INDUSTRIAL ROUNDWOOD

- In 2000, Indiana's primary wood-using industry was comprised of 184 sawmills, 12 veneer mills, 4 handle plants, 1 pulp mill, and 5 mills producing other products (table 1).
- The number of large- and medium-size mills increased by 20 and 21 mills, respectively, while the number of small mills decreased by 46 from 1995 to 2000.
- The Knobs Unit had the largest concentration of wood-using mills in the State in 2000. This Unit contained 78 sawmills, 5 veneer mills, 2 cooperage mills, 1 handle plant, and 1 cabin log mill (fig. 1).
- In 2000, the primary wood-using mills in Indiana processed 89.1 million cubic feet of industrial roundwood, an increase of 18 percent from 1995 (table 2).
- Almost 85 percent of the industrial roundwood processed by the State's primary wood-using mills were cut from Indiana's forest lands. Michigan, Illinois, and Kentucky were the largest suppliers of out-of-State roundwood in 2000.

supplying another 12 percent of the industrial roundwood used by Indiana mills (table 3).

- Indiana's primary wood-using mills in 2000 processed mainly hardwood species. Only 1 percent of the industrial roundwood processed was softwood species.
- The production of industrial roundwood increased from 66.4 million cubic feet in 1995 to 81.1 million cubic feet in 2000, an increase of 22 percent.
- The production of saw logs accounted for 90 percent of the total industrial roundwood produced in 2000. The production of pulpwood products accounted for the second largest consumer of Indiana's industrial roundwood production, 4 percent of the total production (table 4 and fig. 2).
- In 2000, the Knobs Forest Survey Unit was the leading producer of industrial roundwood in Indiana, with 37.5 million cubic feet, or 46 percent of the total industrial roundwood produced. The Lower Wabash Forest Survey Unit was second with 22.0 million cubic feet (27 percent of the total), followed by the Northern Forest Survey Unit with 15.3 million cubic feet (19 percent of the total) and the Upland Flats Forest Survey Unit with 6.3 million cubic feet (8 percent of the total).

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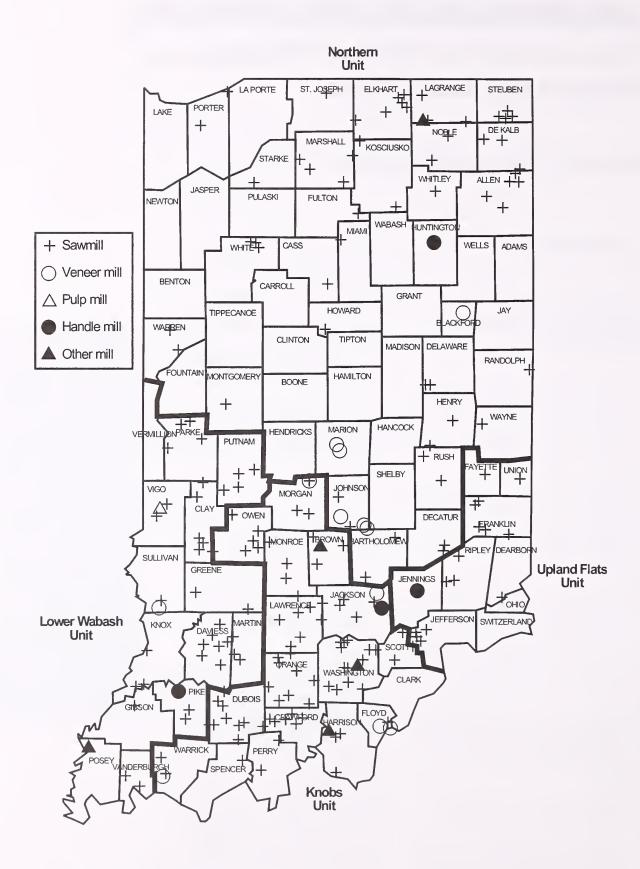


Figure 1.—Forest Survey Units and location of wood-using mills in Indiana, 2000.

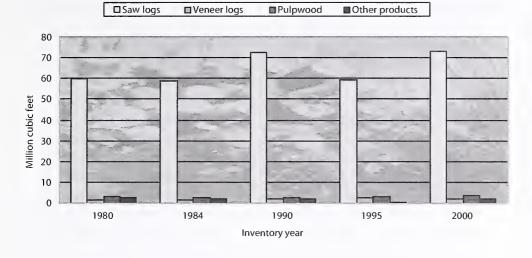


Figure 2.—Industrial roundwood production by product, Indiana, 1980, 1984, 1990, 1995, 2000.

- Industrial roundwood production increased by almost 40 percent in the Knobs Forest Survey Unit between 1995 and 2000. The Lower Wabash Unit increased production by 28 percent during the same period, and the Upland Flats Unit increased production by 16 percent. The Northern Unit decreased production of industrial roundwood by 9 percent from 1995 to 2000 (fig. 3).
- Wood processing mills in Indiana received 93 percent of the industrial roundwood that was harvested from Indiana's forests in 2000. Kentucky and
- Ohio mills combined received 5 percent of Indiana's industrial roundwood production. The remaining 2 percent of the industrial roundwood harvested from Indiana went to mills in Illinois, Iowa, Michigan, Missouri, Wisconsin, Tennessee, Canada, and other countries (table 5).
- Red oaks were the most harvested species group in 2000, accounting for 27 percent of the total industrial roundwood volume.
 Yellow-poplar at 17 percent, white oaks at 16 percent, hard maple at 8 percent, and ash at 7 percent were the other major species harvested (table 6).

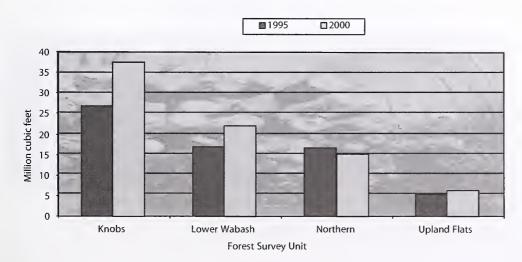


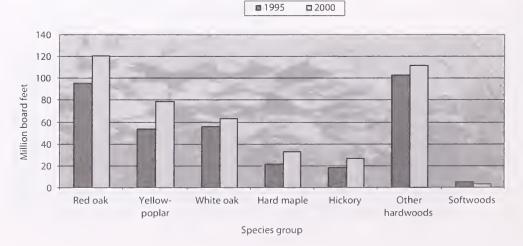
Figure 3.—Industrial roundwood production by Forest Survey Unit, Indiana, 1995 and 2000.

The International 1/4-inch rule is the **USDA** Forest Service standard unit of measure of volume for saw logs and veneer logs. However, the Doyle rule is a widely applied unit of measure in Indiana. Therefore, in the text saw log and veneer log volumes are presented using the International 1/4inch rule, and the Doyle rule measures are presented in parentheses.

SAW LOGS

- Indiana's sawmills processed 480 million board feet (348 mmbf Doyle) of saw logs in 2000. The Knobs Unit received 44 percent, or 212 million board feet (154 mmbf Doyle) of the saw logs processed in 2000
- Michigan supplied 36 percent of the saw logs that were imported into the State in 2000. Illinois and Kentucky were the other major sources of saw logs from out of State with 34 percent and 23 percent, respectively, of the total saw logs imported (table 7, 7a).
- Indiana's saw log receipts increased by 20 percent, from 400 million board feet (290 mmbf Doyle) in 1995 to 480 million board feet (348 mmbf Doyle) in 2000. The production of saw logs increased by 23 percent, from 357 million board feet (259 mmbf Doyle) in 1995 to 440 million board feet (319 mmbf Doyle) in 2000 (table 8, 8a).
- The Knobs Unit was the leading producer of saw logs in 2000 with 197 million board feet (143 mmbf Doyle), or 45 percent of the total saw log production. The Lower Wabash Unit produced 120 million board feet (87 mmbf Doyle), or 27 percent of the saw logs produced; the Northern Unit produced 88 million board feet (64 mmbf Doyle), or 20 percent of the saw logs produced; and the Upland Flats Unit produced 34 million board feet (25 mmbf Doyle), or 8 percent of the saw logs produced (table 9, 9a).
- Over 121 million board feet (88 mmbf Doyle) of red oaks were harvested from Indiana's forests in 2000 and made up more than one-quarter of the total harvest. Other important species groups were yellow-poplar at 79 million board feet (57 mmbf Doyle), white oaks at 63 million board feet (46 mmbf Doyle), hard maples at 34 million board feet (24 mmbf Doyle), and hickory at 27 million board feet (20 mmbf Doyle) (table 10, 10a, and fig. 4).

Figure 4.—Saw log production by species group, Indiana, 1995 and 2000.



VENEER LOGS

- The 12 veneer mills in Indiana processed 32 million board feet (28 mmbf Doyle) of roundwood in 2000. This was a 23percent decrease from Indiana's veneer mill receipts of 42 million board feet (37 mmbf Doyle) in 1995.
- Unlike other primary forest products industries in Indiana, veneer mills process industrial roundwood that came mostly from out of State. Only 29 percent of the roundwood processed by Indiana veneer mills came from Indiana's forests. Eastern and Southern States supplied 49 percent of the veneer log volume in 2000 (table 11, 11a).
- Three of the five major veneer species decreased production levels from 1995 to 2000. White oak veneer log production decreased by 31 percent, black walnut by 35 percent, and black cherry by 58 percent. Red oak veneer log production increased by 14 percent, and hard maple veneer log production more than doubled. Hard maple veneer log production surpassed black cherry and black walnut production levels in 2000 (table 12, 12a; and fig. 5).
- Sixty percent, or 9 million board feet (8 mmbf Doyle), of the veneer logs cut

from Indiana's forests in 2000 went to one of the veneer mills in Indiana. Major importers of Indiana's veneer logs in 2000 were mills in Michigan, Ohio, Tennessee, Wisconsin, and Canada (table 13, 13a).

OTHER PRODUCTS

- Even though there was only one pulp mill remaining in Indiana in 2000, pulpwood production was the second largest consumer of Indiana's industrial roundwood, making up 4 percent of the total industrial roundwood produced in the State. Of the 45 thousand cords of pulpwood harvested in 2000, 4 thousand cords were softwoods, 14 thousand cords were soft hardwoods, and 27 thousand cords were hard hardwoods (table 14). Almost half of the industrial roundwood harvested for pulpwood in 2000 was sent to mills in the Northeast and South.
- There were four handle plants in Indiana in 2000, one in each of the four Forest Survey Units of the State. Ash was the major species harvested for handle bolt production in 2000, making up 97 percent of the volume harvested. Hard maple was the only other species harvested for the production of handles in Indiana.

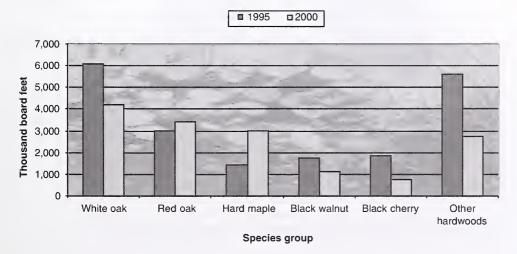


Figure 5.—Veneer log production by species group, Indiana, 1995 and 2000.

Residential fuelwood is a major nonindustrial product in Indiana. The results of a residential fuelwood study conducted in 1996 are available in "Residential Fuelwood Consumption and Production in Indiana, 1996", RB NC-188, by Dennis M. May, Jeff Settle, and Tamara Benjamin. This report is available online at http:// www.ncrs.fs.fed.us/ pubs/.

 Other industrial roundwood products harvested from Indiana in 2000 were cooperage logs, cabin logs, and mine timbers or supports.

TIMBER REMOVALS

- In the production of industrial roundwood in 2000, 97 million cubic feet of Indiana's growing-stock inventory was removed from timberland. Seventy-eight percent of the growing-stock removed was used for products. Another 49 million cubic feet of non-growing-stock wood material was removed from Indiana's timberland, but only 11 percent of this material was used for industrial roundwood production (table 15).
- Fifty-five percent of the total wood material harvested from Indiana's forests in 2000 was used for primary wood products. The

- remainder was left on the ground as harvest residues (fig. 6).
- Limbwood accounted for 59 percent of the non-growing-stock sources of roundwood used for the production of primary wood products. Dead trees made up another 20 percent of the nongrowing-stock that was used for industrial roundwood production.
- Forty-six percent of the growing-stock removals came from the Knobs Unit, 27 percent from the Lower Wabash Unit, 19 percent from the Northern Unit, and 8 percent from the Upland Flats Units (table 16).
- Industrial roundwood harvesting also removed 506 million board feet (367 mmbf Doyle) of wood from the sawtimber portion of Indiana's growing stock inventory in 2000 (table 17, 17a), a 22percent increase from 1995.

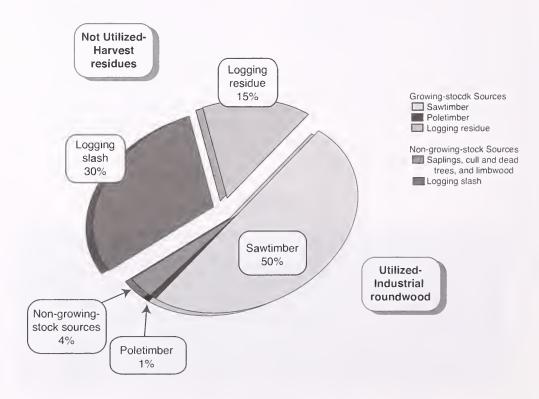


Figure 6.—Distribution of timber removals for industrial roundwood by source of material, Indiana, 2000.

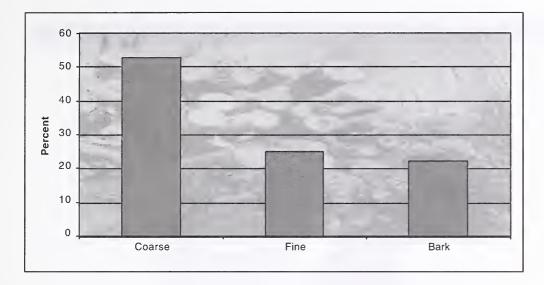


Figure 7.—Distribution of residues generated by primary wood-using mills by type of residue, Indiana, 2000.

HARVEST RESIDUES

- In 2000, harvesting of industrial roundwood products left 65 million cubic feet of harvest residues on the ground in Indiana (table 18)—an increase of 23 percent from 1995.
- The red oak, white oak, and yellowpoplar species groups accounted for 60 percent of the volume of harvest residues generated in Indiana in 2000.
- Sixty-seven percent of the wood material left on the ground after the harvest of Indiana's industrial roundwood in 2000 came from non-growing-stock sources such as limbwood, dead trees, and cull trees.

PRIMARY MILL RESIDUES

- In converting industrial roundwood into products such as lumber, wood pulp, and veneer, Indiana's primary woodusing industry generated 1,342 thousand green tons of wood and bark residues (table 19).
- Fifty-three percent of the mill residues produced in 2000 were in the form of coarse wood residues, such as slabs and

- edgings. Fine residues made up another 25 percent of the mill residues produced, and bark residue accounted for the remaining 22 percent (fig. 7).
- Nearly all mill residues were used.
 Miscellaneous uses, such as livestock
 bedding, mulch, and small dimension
 lumber, consumed 42 percent of the total
 residues produced by Indiana's primary
 wood-using mills in 2000. Another 38
 percent of the mill residues generated were
 shipped to pulp and particleboard plants
 (fig. 8).
- Over 60 percent of the coarse wood residues, such as slabs, edgings, and veneer cores, were used in the production of fiber products in 2000. Fifty-six percent of the fine wood residues were used for miscellaneous uses such as animal bedding and mulch.
- Almost 90 percent of the bark residue was used for miscellaneous uses such as mulch or livestock bedding.
- In 2000, only 2 percent, or 22 thousand green tons, of the mill residues went unused. In 1995, 4 percent of the mill residues generated by Indiana's industrial roundwood processors were not used.

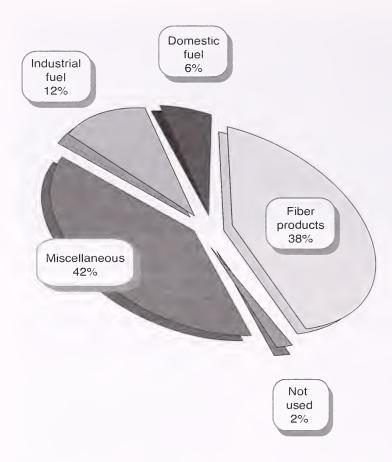


Figure 8.—Distribution of residues generated by primary wood-using mills by method of disposal, Indiana, 2000.

APPENDIX

APPENDIX

STUDY METHODS

This study was a cooperative effort of the Division of Forestry of the Indiana Department of Natural Resources (IN DNR) and the North Central Research Station (NCRS). Using questionnaires supplied by NCRS and designed to determine the size and composition of the State's primary wood-using industry, its use of roundwood, and its generation and disposition of wood residues, the IN DNR Division of Forestry visited all known primary wood-using mills within the State. This allowed for a 100-percent response rate. Completed questionnaires were sent to NCRS for editing and processing.

As part of data editing and processing, all industrial roundwood volumes reported on the questionnaires were converted to standard units of measure using regional conversion factors. Timber removals by source of material and harvest residues generated during logging were estimated from standard product volumes using factors developed from logging utilization studies previously conducted by NCRS. Finalized data on Indiana's industrial roundwood receipts were loaded into a regional timber removals database where they were supplemented with data on out-of-State uses of Indiana roundwood to provide a complete assessment of Indiana's timber product output.

DEFINITION OF TERMS

Board foot

Unit of measure applied to roundwood. It relates to lumber that is 1 foot long, 1 foot wide, and 1 inch thick (or its equivalent).

Bolt

A short log no more than 8 feet long, to be sawn for lumber, peeled or sliced for veneer, shaved for excelsior, or converted into shingles, cooperage stock, dimension stock, blocks, blanks, or other products.

Central stem

The portion of a tree between a 1-foot stump and the minimum 4.0-inch top diameter outside bark, or the point where the central stem breaks into limbs.

Coarse mill residue

Wood residue suitable for chipping such as slabs, edgings, and veneer cores.

Commercial species

Tree species presently or prospectively suitable for industrial wood products.

(Note: Excludes species of typically small size, poor form, or inferior quality such as hophornbeam, Osage-orange, and redbud.)

Cull removals

Net volume of rough and rotten trees plus the net volume in sections of the central stem of growing-stock trees that do not meet regional merchantability standards harvested for industrial roundwood products.

Dead removals

Net volume of dead trees harvested for industrial roundwood products.

Diameter at breast height (d.b.h.)

The outside bark diameter at 4.5 feet above the forest floor on the uphill side of the tree. For determining breast height, the forest floor includes the duff

layer that may be present, but does not include unincorporated woody debris that may rise above the ground line.

Doyle rule

A simple log rule or formula for estimating the board foot volume of logs based on a 4-inch slabbing allowance to square the log. This rule is used in the Eastern and Southern United States.

Fine mill residue

Wood residue not suitable for chipping such as sawdust and veneer clippings.

Forest land

Land at least 10 percent stocked by forest trees of any size, or formerly having had such tree cover, and not currently developed for nonforest use. (Note: Stocking is measured by comparing specified standards with basal area and /or number of trees, age or size, and spacing.) The minimum area for classification of forest land is 1 acre. Roadside, streamside, and shelterbelt strips of timber must have a crown width of at least 120 feet to qualify as forest land. Unimproved roads and trails, streams or other bodies of water, or clearings in forest areas shall be classed as forest if less than 120 feet wide.

Growing-stock removals

The growing-stock volume removed from the timberland inventory by harvesting industrial roundwood products. (Note: Includes sawtimber removals, poletimber removals, and logging residues.)

Growing-stock tree

A live timberland tree of commercial species that meets specified standards of size, quality, and merchantability. (Note: Excludes rough, rotten, and dead trees.)

Growing-stock volume

Net volume of growing-stock trees 5.0 inches d.b.h. and over, from 1 foot above the ground to a minimum 4.0-inch top diameter outside bark of the central stem or to the point where the central stem breaks into limbs.

Hardwoods

Dicotyledonous trees, usually broadleaved and deciduous.

Harvest residues

The total net volume of unused portions of trees cut or killed by logging. (Note: Includes both logging residues and logging slash.)

Industrial fuelwood

A roundwood product, with or without bark, used to generate energy at manufacturing facilities and schools, correctional institutions, or electric generating plants.

Industrial roundwood exports

The quantity of industrial roundwood harvested in a geographical area and transported to other geographical areas.

Industrial roundwood imports

The quantity of industrial roundwood received from other geographical areas.

Industrial roundwood products

Saw logs, pulpwood, veneer logs, poles, commercial posts, pilings, cooperage logs, particleboard bolts, shaving bolts, lath bolts, charcoal bolts, and chips from roundwood used for pulp or board products.

Industrial roundwood production

The quantity of industrial roundwood harvested in a geographic area plus all industrial roundwood exported to other geographical areas.

Industrial roundwood receipts

The quantity of industrial roundwood received by commercial mills in a geographic area plus all industrial roundwood imported from other geographical areas.

Industrial roundwood retained

The quantity of industrial roundwood harvested from and processed by commercial mills within the same geographical area.

International 1/4-inch rule

A log rule or formula for estimating the board foot volume of logs, allowing 1/2-inch of taper for each 4-foot length. The rule appears in a number of forms that allow for kerf. In this form, 1/4-inch of kerf is assumed. This rule is used as the USDA Forest Service standard log rule in the Eastern United States.

Limbwood removals

Net volume of all portions of a tree other than the central stem (including forks, large limbs, tops, and stumps) harvested for industrial roundwood products.

Logging residue

The net volume of unused portions of the merchantable central stem of growing-stock trees cut or killed by logging.

Logging slash

The net volume of unused portions of the unmerchantable (non-growingstock) sections of trees cut or killed by logging.

Merchantable sections

Refers to sections of the central stem of growing-stock trees that meet either pulpwood or saw log specifications.

Net volume

Gross volume less deductions for rot, sweep, or other defects affecting use for roundwood products.

Noncommercial species

Tree species of typically small size, poor form, or inferior quality that normally do not develop into trees suitable for industrial roundwood products.

Classified in volume tables as rough trees.

Nonforest land

Land that has never supported forests, and land formerly forested where use for timber management is precluded by development for other uses. (Note: Includes areas used for crops, active Christmas tree plantations, orchards, nurseries, improved pasture, residential areas, city parks, improved roads of any width and adjoining clearings, powerline clearings of any width, and 1- to 39.9-acre areas of water classified

by the Bureau of the Census as land.) If intermingled in forest areas, unimproved roads and nonforest strips must be more than 120 feet wide and more than 1 acre to qualify as nonforest land.

Nonforest land removals

Net volume of trees on nonforest lands harvested for industrial roundwood products.

Poletimber

A growing-stock tree at least 5.0 inches d.b.h. but smaller than sawtimber size (9.0 inches d.b.h. for softwoods, 11.0 inches d.b.h. for hardwoods).

Poletimber removals

Net volume in the merchantable central stem of poletimber trees harvested for industrial roundwood products.

Primary wood-using mills

Mills receiving roundwood or chips from roundwood for processing into products such as lumber, veneer, and pulp.

Primary wood-using mill residue

Wood materials (coarse and fine) and bark generated at manufacturing plants that process industrial roundwood into principal products. These residues include wood products (byproducts) obtained incidental to production of principal products and wood materials not utilized for some product.

Production

The quantity of roundwood material harvested in a geographic area plus all roundwood material exported to other geographical areas.

Receipts

The quantity of roundwood material received by commercial mills in a geographic area plus all roundwood material imported from other geographical areas.

Rotten tree

A tree that does not meet regional merchantability standards because of excessive unsound cull.

Rough tree

A tree that does not meet regional merchantability standards because of excessive sound cull. Includes noncommercial tree species.

Roundwood

Logs, bolts, or other round sections cut from trees (including chips from roundwood).

Sapling

A live tree between 1.0 and 5.0 inches d.b.h.

Sapling removals

Net volume in saplings harvested for industrial roundwood products.

Saw log portion

That portion of the central stem of sawtimber trees between the stump and the saw log top.

Saw log top

The point on the central stem of sawtimber trees above which a saw log cannot be produced. The minimum saw log top is 7.0 inches diameter outside bark for softwoods and 9.0 inches diameter outside bark for hardwoods.

Sawtimber removals

As used in table 15, sawtimber removals refers to the net volume in the merchantable central stem of sawtimber trees harvested for industrial roundwood products. (Note: Includes the saw log and upper stem portions of sawtimber trees.) When referring to the sawtimber volume removed from the timberland inventory as in table 17 and 17a, sawtimber removals refers to the net volume in the saw log portion of sawtimber trees harvested for roundwood products or left on the ground as harvest residue, and is usually expressed in thousands of board feet (International 1/4-inch rule).

Sawtimber tree

A growing-stock tree containing at least a 12-foot saw log or two noncontiguous saw logs 8 feet or longer, and meeting regional specifications for freedom from defect. Softwoods must be at least 9.0 inches d.b.h. and hardwoods must be at least 11.0 inches d.b.h.

Sawtimber volume

Net volume in the saw log portion of sawtimber trees.

Softwoods

Coniferous trees, usually evergreen, having needles or scale-like leaves.

Timber product output

The volume of roundwood products produced from an area's forests.

Timberland

Forest land that is producing, or is capable of producing, in excess of 20 cubic feet per acre per year of industrial roundwood products under natural conditions, is not withdrawn from timber utilization by statute or administrative regulation, and is not associated with urban or rural development.

Tree

A woody plant usually having one or more perennial stems, a more or less definitely formed crown of foliage, and a height of at least 12 feet at maturity.

Upper stem portion

That portion of the central stem of sawtimber trees between the saw log top and the minimum top diameter of 4.0 inches outside bark, or to the point where the central stem breaks into limbs.

COMMON AND SCIENTIFIC NAMES OF TREE SPECIES MENTIONED IN THIS REPORT

Eastern redcedar Pinus banksiana Jack pine Pinus banksiana Shortleaf pine Pinus echinata Red pine Pinus resinosa Eastern white pine Pinus virginiana HARDWOODS Hard maple Black maple Acer nigrum Sugar maple Acer negundo Red maple Boxelder Acer regundo Red maple Acer saccharum Silver maple Acer saccharium Birch Yellow birch Betula alleghantiensis River birch Betula nigra Paper birch Betula papyrifera Hickory Water hickory Carya aquatica Bitternut hickory Carya glabra Shellbark hickory Carya laciniosa Shagbark hickory Carya ovata Mockernut hickory Carya ovata Mockernut hickory Carya ovata Mockernut hickory Carya ovata Mockernut hickory Carya tonientosa Pecan Carya illinoensis Northern catalpa Catalpa speciosa Hackberry Celtis occidentalis Common persimmon Diospyros virginiana American beech Fagus grandifolia	SOFTWOODS	
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Eastern white pine Pinus strobus Virginia pine Pinus virginiana HARDWOODS Hard maple Black maple Acer nigrum Sugar maple Acer saccharum Soft maple Boxelder Acer negundo Red maple Acer rubrum Silver maple Acer saccharinum Birch Yellow birch Betula alleghaniensis River birch Betula nigra Paper birch Betula papyrifera Hickory Water hickory Carya aquatica Bitternut hickory Carya cordifornis Pignut hickory Carya cordifornis Pignut hickory Carya ovata Mockernut hickory Carya ovata Mockernut hickory Carya ovata Mockernut hickory Carya tomentosa Pecan Carya illinoensis Northern catalpa Catalpa speciosa Hackberry Celtis occidentalis Common persimmon Diospyros virginiana American beech Fagus grandifolia	Shortleaf pine	Pinus echinata
Virginia pine Pinus virginiana HARDWOODS Hard maple Black maple Acer nigrum Sugar maple Acer saccharum Soft maple Boxelder Acer negundo Red maple Acer saccharinum Silver maple Acer saccharinum Birch Yellow birch Betula alleghaniensis River birch Betula nigra Paper birch Betula papyrifera Hickory Water hickory Carya quatica Bitternut hickory Carya aquatica Bitternut hickory Carya cordifornuis Pignut hickory Carya glabra Shellbark hickory Carya laciniosa Shagbark hickory Carya ovata Mockernut hickory Carya tomentosa Pecan Carya illinocnsis Northern catalpa Catalpa speciosa Hackberry Celtis occidentalis Common persimmon Diospyros virginiana American beech Fagus grandifolia	Red pine	Pinus resinosa
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Common persimmon Diospyros virginiana American beech Fagus grandifolia		· ·
Common persimmon Diospyros virginiana American beech Fagus grandifolia	Hackberry	Celtis occidentalis
American beech	·	
	•	**
White ash Fraxinus americana	White ash	Fraxinus americana
Black ash	Black ash	Fraxinus nigra
Green ash		
Blue ash		
Honeylocust		
Kentucky coffeetree		
Butternut Juglans cinerea		

Black walnut	Juglans nigra
Sweetgum	Liquidambar styraciflua
Yellow-poplar	Liriodendron tulipifera
Water tupelo	Nyssa aquatica
Black tupelo	Nyssa sylvatica var. sylvatica
Swamp tupelo (blackgum)	Nyssa sylvatica var. biflora
Sycamore	Platanus occidentalis
Eastern cottonwood	Populus deltoides
Aspen	
Bigtooth aspen	Populus grandidentata
Quaking aspen	1 0
Black cherry	-
Red oak group	
Scarlet oak	
Northern pin oak	
Southern red oak	
Cherrybark oak	
Shingle oak	
Blackjack oak	
Pin oak	
Northern red oak	
	· · · · · · · · · · · · · · · · · · ·
Shumard oak	Quercus chumardii var shumardii
Shumard oak	· · ·
Black oak	· · ·
Black oak	Quercus velutina
Black oak White oak group White oak	Quercus velutina Quercus alba
Black oak White oak group White oak Swamp white oak	Quercus velutina Quercus alba Quercus bicolor
Black oak White oak group White oak Swamp white oak Overcup oak	Quercus velutina Quercus alba Quercus bicolor Quercus lyrata
Black oak White oak group White oak Swamp white oak Overcup oak Bur oak	Quercus velutina Quercus alba Quercus bicolor Quercus lyrata Quercus macrocarpa
Black oak White oak group White oak Swamp white oak Overcup oak Bur oak Swamp chestnut oak	Quercus velutina Quercus alba Quercus bicolor Quercus lyrata Quercus macrocarpa Quercus michauxii
Black oak White oak group White oak Swamp white oak Overcup oak Bur oak Swamp chestnut oak Chinkapin oak	Quercus velutina Quercus alba Quercus bicolor Quercus lyrata Quercus macrocarpa Quercus michauxii Quercus muehlenbergii
Black oak White oak group White oak Swamp white oak Overcup oak Bur oak Swamp chestnut oak Chinkapin oak Chestnut oak	Quercus velutina Quercus alba Quercus bicolor Quercus lyrata Quercus macrocarpa Quercus michauxii Quercus muehlenbergii Quercus prinus
Black oak White oak group White oak Swamp white oak Overcup oak Bur oak Swamp chestnut oak Chinkapin oak Chestnut oak Post oak	Quercus velutina Quercus alba Quercus bicolor Quercus lyrata Quercus macrocarpa Quercus michauxii Quercus muehlenbergii Quercus prinus Quercus stellata
Black oak White oak group White oak Swamp white oak Overcup oak Bur oak Swamp chestnut oak Chinkapin oak Chestnut oak Post oak Black locust	Quercus velutina Quercus alba Quercus bicolor Quercus lyrata Quercus macrocarpa Quercus michauxii Quercus muehlenbergii Quercus prinus Quercus stellata Robinia pseudoacacia
Black oak White oak group White oak Swamp white oak Overcup oak Bur oak Swamp chestnut oak Chinkapin oak Chestnut oak Post oak Black locust Black willow	Quercus velutina Quercus alba Quercus bicolor Quercus lyrata Quercus macrocarpa Quercus michauxii Quercus muehlenbergii Quercus prinus Quercus stellata Robinia pseudoacacia Salix nigra
Black oak White oak group White oak Swamp white oak Overcup oak Bur oak Swamp chestnut oak Chinkapin oak Chestnut oak Post oak Black locust Black willow Sassafras	Quercus velutina Quercus alba Quercus bicolor Quercus lyrata Quercus macrocarpa Quercus michauxii Quercus muehlenbergii Quercus prinus Quercus stellata Robinia pseudoacacia Salix nigra Sassafras albidum
Black oak White oak group White oak Swamp white oak Overcup oak Bur oak Swamp chestnut oak Chinkapin oak Chestnut oak Post oak Black locust Black willow Sassafras American basswood	Quercus velutina Quercus alba Quercus bicolor Quercus lyrata Quercus macrocarpa Quercus michauxii Quercus muehlenbergii Quercus prinus Quercus stellata Robinia pseudoacacia Salix nigra Sassafras albidum
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Black oak White oak group White oak Swamp white oak Overcup oak Bur oak Swamp chestnut oak Chinkapin oak Chestnut oak Post oak Black locust Black willow Sassafras American basswood Elm Winged elm	Quercus velutina Quercus alba Quercus bicolor Quercus lyrata Quercus macrocarpa Quercus michauxii Quercus muehlenbergii Quercus prinus Quercus stellata Robinia pseudoacacia Salix nigra Sassafras albidum Tilia americana
Black oak White oak group White oak Swamp white oak Overcup oak Bur oak Swamp chestnut oak Chinkapin oak Chestnut oak Post oak Black locust Black willow Sassafras American basswood Elm Winged elm American elm	Quercus velutina Quercus alba Quercus bicolor Quercus lyrata Quercus macrocarpa Quercus michauxii Quercus muehlenbergii Quercus prinus Quercus stellata Robinia pseudoacacia Salix nigra Sassafras albidum Tilia americana Ulmus alata Ulmus anericana
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Black oak White oak group White oak Swamp white oak Overcup oak Bur oak Swamp chestnut oak Chinkapin oak Chestnut oak Post oak Black locust Black willow Sassafras American basswood Elm Winged elm American elm Siberian elm Slippery elm	Quercus velutina Quercus alba Quercus bicolor Quercus lyrata Quercus macrocarpa Quercus michauxii Quercus muehlenbergii Quercus prinus Quercus stellata Robinia pseudoacacia Salix nigra Sassafras albidum Tilia americana Ulmus alata Ulmus pumila Ulmus rubra
Black oak White oak group White oak Swamp white oak Overcup oak Bur oak Swamp chestnut oak Chinkapin oak Chestnut oak Post oak Black locust Black willow Sassafras American basswood Elm Winged elm American elm Siberian elm	Quercus velutina Quercus alba Quercus bicolor Quercus lyrata Quercus macrocarpa Quercus michauxii Quercus muehlenbergii Quercus prinus Quercus stellata Robinia pseudoacacia Salix nigra Sassafras albidum Tilia americana Ulmus alata Ulmus pumila Ulmus rubra

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TABLES

Table 1.--Number of active primary wood-using mills, Indiana, 1961, 1966, 1971, 1980, 1984, 1990, 1995, and 2000

Kind of mill	1961	1966	1971	1980 1	1984	1990 1	1995	2000
Sawmills								
Large ²	NA	86	77	66	112	124	103	123
Medium ³	NA AN	55	52	59	47	24	20	41
Small⁴	NA	339	256	176	117	95	99	20
Total	400	480	385	334	276	243	189	184
Veneer mills	01	21	18	16	16	16	12	12
Pulp and particleboard mills	က	က	က	က	က	က	က	-
Handle plants	7	4	A'N	7	9	4	-	4
Other mills ⁵	15	11	NA	တ	7	S	4	2
All mills	444	519	406	369	308	271	209	206
Ald Data to to clack								

NA Data not available.

¹ Number of active sawmills estimated in 1980 and 1990.

Annual lumber production from 1/2 million to 1 million board feet. Annual lumber production in excess of 1 million board feet.

Annual lumber production less than 1/2 million board feet.

Includes mills producing cabin logs, cooperage, excelsior, etc.

Table 2.--Industrial roundwood receipts by mill type, survey year, and softwoods and hardwoods, Indiana, 1966, 1980, 1984, 1990, 1995, and 2000

(In million cubic feet)

Mill type	1966	1980	1984	1990	1995	2000
		All sp	species			
Saw logs	32.8	60.2	58.9	72.6	67.3	79.5
Veneer logs	2.2	1.5	1.9	2.3	5.9	5.0
Other products1	10.4	6.2	4.8	5.2	2.4	4.5
Total	45.4	67.8	65.6	80.1	75.6	89.1
		Softwoods	spoo			
Saw logs	0.2	0.1	0.2	*	0.2	0.7
Veneer logs	1	1	*	*	*	*
Other products1	0.1	0.1	ı	0.1	*	0.1
Total	0.3	0.2	0.2	0.1	0.2	0.8
		Hardwoods	spoor			
Saw logs	32.6	60.1	58.7	72.6	67.1	78.9
Veneer logs	2.2	1.5	6.1	2.3	5.8	5.0
Other products ¹	10.3	0.9	4.8	5.1	2.4	4.4
Total	45.1	9.79	65.4	80.0	75.3	88.4

Less than 50 thousand cubic feet.

Includes pulp mills, handle plants, cabin log mills, etc. Products that had less than three mills are combined to prevent disclosure of an individual mill's receipts.

Table may not sum due to rounding.

Table 3.--Industrial roundwood receipts by species group and State of origin, Indiana, 2000

(In thousand cubic feet)

			ĺ			State o	State of origin	۱				
Species group	Total	Illinois	Indiana	lowa	Kentucky	Michigan	Missouri	Ohio	Wisconsin	Other 1	U.S.¹ Car	Canada
Softwoods												
Eastern redcedar	433	ı	385	ı	48	ı	ı	*	1		I	1
Jack pine	-	1	-	1	1	1	1	1	1		ı	1
Shortleaf pine	99	1	62	ı	1	I	1	1	1		4	I
Red pine	36	1	35	ı	ı	-	1	1	1		ı	-
White pine	178	ı	167	1	က	9	1	ı	1		1	က
Virginia pine	55	1	48	1	1	1	1	ı	1		7	1
Total	768	1	269	1	20	9	1	*	1		11	4
Hardwoods												
Soft maple	4,340	238	3,501	-	59	485	*	52	-		4	1
Hard maple	6,978	92	5,747	34	243	260	10	96	13		167	17
Paper birch	13	1	*	1	*	9	1	ĸ	9		-	1
River birch	33	i	29	ı	I	4	ı	I	I		ı	1
Hickory	5,473	552	4,464	2	84	290	က	51	1		27	1
Pecan	62	က	20	ı	4	ı	2	ı	ı		က	1
Hackberry	272	18	235	1	1	13	ı	9	ı		ı	1
Persimmon	*	1	*x	ı	*	ı	ı	ı	ı		ı	1
Beech	1,833	52	1,654	1	20	06	1	12	5		*	1
Ash	6,210	211	5,287	7	234	383	2	7.1	4		10	1
Black walnut	2,578	62	1,897	53	153	160	15	09	12		150	18
Sweetgum	966	73	803	1	20	1	1	1	1		ı	1
Yellow-poplar	14,262	409	13,405	1	249	154	က	30	1		13	ı
Tupelo	13	2	12	ı	I	ı	ı	1	ı		ı	i
Sycamore	2,002	135	1,793	1	33	25	ı	16	1		ı	1
Cottonwood	1,394	99	1,221	1	=======================================	79	1	17	ı		I	1
Aspen	7	-	9	1	1	1	1	1	1		ı	1
Black cherry	3,745	40	2,145	20	161	426	16	80	25		777	26
Red oak group	23,528	937	20,405	34	882	880	19	180	Ξ		171	6
White oak group	13,563	222	11,169	103	741	499	54	193	13		200	13
Black locust	က	1	-	1	1	7	1	1	I		ı	I
Sassafras	104	2	06	1	က	80	ı	*	ı		ı	i
Basswood	618	8	449	1	1	150	1	10			ı	1
Elm	320	က	253	-	4	49	-k	9	ı		4	I
Kentucky coffeetree	11	1	9	1	1	2	1	*	1		1	1
Total	88,359	3,482	74,720	285	2,899	4,266	127	880	06		1,526	83
All species	89,127	3,482	75,417	285	2,949	4,272	127	880	06	-	,537	87
* Less than 500 cubic feet.												

Less than 500 cubic feet.
 States included: Georgia, Maryland, Mississippi, New York, Pennsylvania, Tennessee, Vermont, and West Virginia.
 Table may not sum due to rounding.

Table 4,--Industrial roundwood production by Forest Survey Unit, species group, and product, Indiana, 2000

Species group		Saw logs		\ Ve	Veneer logs		Pulpwood	poo	ပိ	Cooperage			Handles		Other products ⁵	All products
	MBF 1	Doyle MBF 2	MCF 3	MBF 1	Doyle MBF 2	MCF 3	Cords 4	MCF 3	MBF ¹		MCF 3	MBF ¹	Doyle MBF 2	MCF 3	MCF 3	MCF 3
Softwoods																
Eastern redcedar	1,804	1,307	385	1	1	Ī	I	1	ı	I	1	1	1	I	5	390
Jack pine	2	4	-	1	1	1	1	1	1	I	1	1	1	I	I	-
Shortleaf pine	357	259	62	I	ı	1	214	17	I	I	ı	ı	ı	1	1	79
Red pine	138	100	24	1	I	ı	1	1	ı	1	I	1	1	1		35
Eastern white pine	610	442	106	1	1	ı	ı	I	ı	ı	ı	ı	ı	1	61	167
Virginia pine	276	200	48	1	ı	1	3,739	295	ı	1	ı	ı	ı	1	ı	343
Total	3,190	2,312	626	1	1	1	3,953	312	1	1	1	ı	1	1	92	1,015
Hardwoods																
Soft maple	20,056	14,533	3,415	477	418	65	2,059	163	1	1	I	1	1	1	I	3,643
Hard maple	33,702	24,422	5,739	3,025	2,654	414	2,956	234	ı	ı	ı	218	158	35	I	6,422
Paper birch	I	1	1	2	2	*	1	1	1	1	1	1	1	1	1	*
River birch	175	127	29	1	I	I	ı	1	I	1	1	1	1	1	1	29
Hickory	27,240	19,739	4,476	189	166	26	4,397	347	1	1	1	ı	1	1	0	4,850
Pecan	276	200	45	26	23	4	ı	1	1	I	I	1	1	1	2	51
Hackberry	1,429	1,035	235	1	ı	ı	ı	1	1	1	1	1	1	1	I	235
Persimmon	9	4	-	ı	ı	ı	ı	ı	1	I	1	I	ı	1	I	-
Beech	9,554	6,923	1,570	32	28	4	1,489	118	1	1	1	1	I	1	1	1,692
Ash	25,606	18,555	4,207	120	106	16	2,994	237	1	ı	ı	7,280	5,276	1,179	ı	5,639
Black walnut	14,027	10,164	2,147	1,165	1,022	164	1	1	1	1	ı	1	1	1	1	2,312
Sweetgum	4,949	3,587	813	438	384	09	644	51	1	I	I	I	1	1	ო	927
Yellow-poplar	79,272	57,444	13,024	642	563	88	8,731	069	1	1	1	ı	1	1	65	13,867
Blackgum	38	28	9	1	1	I	29	2	1	1	I	1	I	-	1	12
Sycamore	10,275	7,446	1,688	752	099	103	926	77	ı	1	ı	1	ı	I	က	1,871
Cottonwood	7,534	5,459	1,169	34	30	2	899	53	1	1	1	1	1	1	က	1,230
Aspen	36	26	9	1	1	ī	1	1	1	1	I	1	1	1	I	9
Black cherry	12,674	9,184	2,082	176	089	106	1	1	1	1	1	1	1	1	Ī	2,188
Red oak group	121,157	87,794	20,500	3,451	3,027	472	7,758	613	1	1	1	1	1	1	18	21,603
White oak group	63,337	45,896	10,717	4,249	3,727	581	7,891	623	4,160	3,649	989	I	I	ı	6	12,617
Black locust	2	က	-	1	1	1	1	1	1	1	1	1	1	1	1	-
Sassafras	549	398	06	1	1	1	I	1	1	1	1	ı	1	1	I	06
Basswood	2,717	1,969	446	1	1	1	341	27	1	1	1	ı	1	1	I	473
Elm	1,852	1,0	304	35	31	2	27	2	1	1	1	1	1	I	I	311
Kentucky coffeetree	34	25	9	1	ı	1	1	1	1	1	1	1	1	1	1	9
Total	436,498	316,303	72,718	15,413	13,520	2,113	40,999	3,239	4,160	3,649	989	7,498	5,434	1,215	104	80,074
All enocioe	120 698	318 615	73 3/13	15 413	13 520	2 113	44 952	3 551	4.160	3.649	686	7 498	5.434	1.215	180	81.089

(Table 4 continued)

Species group																
		Saw logs		Ve	Veneer logs	1. 1.	Pulpwood	poo	~ O	Cooperage	* *		Handles		Other products ⁵	Ali products
	MBF ¹	Doyle MBF 2	MCF 3	MBF 1	Doyle MBF 2	MCF 3	Cords 4	MCF 3	MBF 1	Doyle MBF 2	MCF 3	MBF 1	Doyle MBF 2	MCF 3	MCF 3	MCF 3
Softwoods																
Eastern redcedar	1,456	1,055	311	1	1	ı	1	1	1	1	1	1	1	1	2	316
Jack pine	2	2	*	1	1	1	ı	Ī	1	I	1	1	1	1	I	*
Shortleaf pine	327	237	57	I	I	I	214	17	I	1	1	1	1	1	1	77
Red pine	20	51	12	I	1	1	1	1	1	1	1	1	ı	1	1	12
Eastern white pine	346	251	09	I	ı	1	I	I	1	1	1	1	1	1	Г	09
Virginia pine	229	166	40	1	1	1	3,739	295	1	1	1	ı	1	1	1	335
Total	2,429	1,760	480	1	1	1	3,953	312	1	1	1	1	1	1	2	798
Hardwoods																
Soft maple	6,673	4,836	1,136	148	130	20	1,360	107	I	1	-	1	1	I	1	1,264
Hard maple	17,297	12,534	2,946	1,964	1,723	269	2,117	167	I	1	1	177	128	29	1	3,410
Paper birch	1	1	1	2	-	4	1	1	I	1	1	I	I	I	1	*
River birch	110	79	18	1	1	1	1	ı	1	1	1	1	1	ı	1	18
Hickory	12,478	9,042	2,050	142	125	19	2,882	228	1	1	1	1	1	1	1	2,297
Pecan	110	80	18	24	21	က	1	ı	1	1	1	1	1	1	1	21
Hackberry	261	189	43	1	ı	1	1	1	1	1	1	1	1	1	Ī	43
Persimmon	က	2	•	1	1	ı	1	1	1	1	1	1	I	ı	1	*
Beech	4,326	3,135	711	32	28	4	629	50	1	1	1	1	1	1	1	765
Ash	10,667	7,730	1,753	91	80	12	1,666	132	1	I	1	3,335	2,416	540	1	2,437
Black walnut	4,782	3,465	732	647	568	91	1	1	1	1	1	1	1	1	1	823
Sweetgum	2,642	1,915	434	124	109	17	369	29	ı	1	ı	1	1	1	1	480
Yellow-poplar	39,350	28,515	6,465	277	243	38	3,565	282	1	1	1	1	1	1	49	6,834
Blackgum	9	2	-	1	1	1	14	-	I	1	1	1	1	1	1	CA
Sycamore	4,074	2,952	699	214	188	29	834	99	1	1	1	1	1	1	1	764
Cottonwood	2,013	1,459	312	1	I	1	163	13	1	I	1	1	I	1	1	325
Aspen	9	5	-	1	1	1	1	1	1	1	1	1	1	ı	1	_
Black cherry	4,649	3,369	764	485	425	99	1	1	1	1	ı	1	1	ı	1	830
Red oak group	57,462	41,639	9,723	1,586	1,391	217	3,809	301	1	1	I	1	1	ı	80	10,248
White oak group	26,964	19,539	4,562	2,992	2,624	409	5,168	408	3,421	3,001	564	I	I	1	4	5,948
Sassafras	261	189	43	1	1	1	1	1	1	1	1	1	1	I	1	43
Basswood	406	294	29	1	1	1	66	80	1	1	1	1	ı	ı	1	75
Elm	465	337	92	14	12	2	27	2	1	1	1	1	1	1	-	80
Total	195,007	141,310	32,525	8,743	7,669	1,199	22,700	1,793	3,421	3,001	564	3,511	2,544	569	61	36,711
All species	197,437	143,070	33,005	8,743	7,669	1,199	26,654	2,106	3,421	3,001	564	3,511	2,544	999	99	37,509

(Table 4 continued)

Species group		Saw logs	, jag	Ve	Veneer logs		Pulpwood	poo	ပိ	Cooperage		1	Handles		Other products ⁵	All
	MBF 1	Doyle MBF 2	MCF 3	MBF 1	Doyle MBF 2	MCF 3	Cords 4	MCF 3	MBF 1	Doyle MBF 2	MCF 3	MBF 1	Doyle MBF 2	MCF 3	MCF 3	MCF 3
Softwoods																
Eastern redcedar	35	25	7	1	1	1	1	1	1	1	ı	1	1	1	1	7
Jack pine	က	N	-	1	1	1	1	1	1	1	1	1	1	1	ı	1
Shortleaf pine	ო	01	-	1	1	1	1	ı	ı	1	1	ı	1	1	1	-
Red pine	64	47	11	1	ı	1	1	1	1	1	1	1	I	ı	1	11
Eastern white pine	92	55	13	1	1	1	1	1	1	ı	ı	ı	1	1	I	13
Total	181	131	33	-	1	1	-	1	1	1	1	1	1	1	1	33
Hardwoods																
Soft maple	5,761	4,175	981	328	288	45	681	54	1	ı	ı	1	1	1	1	1,080
Hard maple	6,566	4,758	1,118	114	100	16	819	65	1	1	1	1	1	1	1	1,198
River birch	51	37	8	1	1	1	1	1	1	1	1	ı	1	1	1	8
Hickory	9,542	6,914	1,568	30	26	4	1,477	117	1	1	ı	1	1	1	N	1,690
Pecan	166	120	27	-	-	*	I	ı	1	ı	1	1	1	1	2	29
Hackberry	519	376	85	1	1	1	1	ı	1	1	1	1	1	1	1	85
Persimmon	က	N	ł	1	1	1	1	1	1	1	1	1	1	ı	1	¥
Beech	2,751	1,993	452	1	1	1	839	99	1	ı	1	1	1	ı	ı	518
Ash	6,599	4,782	1,084	ო	က	*	1,295	102	I	1	1	745	540	121	1	1,308
Black walnut	3,025	2,192	463	104	92	15	1	1	1	1	1	1	1	1	1	478
Sweetgum	1,623	1,176	267	314	275	43	268	21	1	1	1	I	1	ı	က	333
Yellow-poplar	24,983	18,104	4,105	357	313	49	5,036	398	1	ı	1	1	1	1	ı	4,551
Blackgum	32	23	2	I	1	1	51	4	1	I	I	1	1	1	1	0
Sycamore	3,730	2,703	613	538	472	74	139	-	1	1	1	1	1	1	က	700
Cottonwood	1,839	1,333	285	ı	1	1	492	39	ı	1	1	1	1	1	က	327
Aspen	29	21	2	1	1	1	1	1	1	1	1	1	ı	1	1	5
Black cherry	1,970	1,428	324	28	24	4	1	1	1	ı	1	ı	1	1	1	327
Red oak group	33,488	24,267	5,666	538	472	74	3,850	304	1	1	1	1	1	1	7	6,051
White oak group	16,106	11,671	2,725	303	266	41	2,655	210	92	81	15	1	1	ı	4	2,996
Sassafras	193	140	32	1	1	1	1	1	1	ı	I	ı	1	1	1	32
Basswood	321	233	53	1	1	1	236	19	ı	ı	1	ı	ı	1	ı	72
Elm	835	605	137	14	12	2	1	1	1	1	1	1	1	I	ı	139
Total	120,133	87,053	20,004	2,672	2,344	366	17,837	1,409	92	81	15	745	540	121	22	21,937
All species	120,313	87,184	20,037	2,672	2,344	366	17,837	1,409	92	81	15	745	540	121	22	21,970

(Table 4 continued)

NORTHERN UNIT

			III I					Product								
				70	Venote 1000		poomalii a	7.0					Usnallos	f	Other All	All
species group	MBF ¹	Doyle	MCF 3	MBF 1	Doyle	MCF 3	Cords 4	MCF 3	MBF 1	Doyle MRE 2	MCF 3	MBF 1	Doyle MRF 2	MCF 3	MCF 3	MCF 3
Softwoods	0,40	2	n G		5					2	I	1	1	1	1	r c
Bed pine	430	- -	2 *	1 1		ı I	1 1	1 1	1 1	1 1	1 1	1 1	1 1	1	1 -	11 0
Eastern white pine	62	45	Ξ	1	1	1	1	1	1	1	1	1	1	1	61	7.1
Total	313	227	64	ľ	1	1	-	1	1	1	1	1	1	1	71	136
Hardwoods																
Soft maple	6,748	4,890	1,149	1	1	1	18	-	1	1	ı	1	1	1	1	1,151
Hard maple	7,716	5,591	1,314	006	790	123	21	2	1	I	1	က	7	*	ı	1,439
Paper birch	1	1	1	*	*	*	1	1	1	1	ı	1	1	ı	1	*
River birch	5	4	-	I	1	1	1	1	1	1	ı	I	ı	I	1	-
Hickory	4,101	2,971	674	14	12	2	38	က	1	1	ı	ı	1	1	1	629
Pecan	1	1	1	-	-	*	I	1	I	ı	ı	1	1	ı	1	*
Hackberry	640	464	105	1	ı	1	1	ı	1	1	1	1	1	ı	1	105
Beech	1,547	1,121	254	I	ı	I	22	2	1	1	1	I	I	1	1	256
Ash	5,526	4,005	806	10	0	-	33	က	1	I	ı	1,046	758	170	1	1,082
Black walnut	5,681	4,117	870	293	257	41	1	1	1	I	1	1	1	1	1	911
Sweetgum	94	68	16	ı	1	1	7	-	1	1	1	1	1	1	1	16
Yellow-poplar	7,071	5,124	1,162	4	4	-	130	10	1	1	ı	1	1	1	16	1,189
Blackgum	1	1	1	1	1	1	2	*	1	I	1	1	1	1	1	*
Sycamore	1,752	1,269	288	1	ı	ı	4	*	1	1	1	1	1	1	1	288
Cottonwood	3,519	2,550	546	34	30	5	13	-	1	1	1	1	1	ı	1	552
Black cherry	5,400	3,913	887	228	200	31	1	1	1	1	1	1	1	1	1	918
Red oak group	20,438	14,810	3,458	959	842	132	101	ω	1	1	1	1	1	1	က	3,601
White oak group	14,546	10,841	2,461	637	558	87	69	2	1	1	1	1	1	1	_	2,555
Black locust	5	က	-	1	1	1	1	1	1	1	1	1	1	1	1	-
Sassafras	80	58	13	1	1	1	1	1	1	1	1	1	I	1	1	13
Basswood	1,905	1,381	313	1	1	1	9	*	ı	1	1	1	1	1	1	314
Elm	509	369	84	S	5	-	1	1	1	1	ı	1	1	1	1	84
Kentucky coffeetree	34	25	9	1	-	-	1	1	1	1	1	1	1	1	1	9
Total	87,318	63,274	14,509	3,086	2,707	423	462	37	1	1	1	1,049	760	170	20	15,159
All species	87,631	63,501	14,573	3,086	2,707	423	462	37	1	1	1	1,049	760	170	92	15,295
														(Table 4	(Table 4 continued on next page)	next page)

(Table 4 continued)

UPLAND FLATS UNIT

Saw logs Worker and More a		-							Product								
MOF 3 MBF 1 Doyle MOF 3 Cords 4 MCF 3 MBF 1 Doyle MOF 3 MGF 2 MCF 3 MCF 3 MGF 3 MGF 2 MGF 3 MGF		(0)	aw logs		Ve	neer logs		Pulpy	boow	ပ	ooperage			Handles		Other products ⁵	AII
46 14 -	MBF 1		Doyle MBF 2	MCF 3		Doyle MBF 2	MCF	Cords 4	MCF 3	-	Doyle MBF 2	MCF	MBF 1	Doyle MBF ²	MCF 3	MCF 3	MCF 3
46 14	ì																
20 5 -	9	က	46	14		1	1	1		1	1	1	1	1	1		14
3 1 -	N	8	20	2	ı	I	1	1	1	1	ı	1	I	ı	1	1	5
91 22 -		3	ო	-	ı	1	1	1	1	ı	1	ı	1	ı	1	ı	-
34 8 -	12	9	91	22	ı	ı	1	ı	1	ı	I	I	ı	1	I	1	22
194 49	4	7	34	8	1	ı	1	1	1	1	ı	ı	ı	ı	I	1	80
632 149 - <td>267</td> <td>7</td> <td>194</td> <td>49</td> <td>-</td> <td>_</td> <td>Ι</td> <td>1</td> <td>1</td> <td>1</td> <td>1</td> <td>-</td> <td>-</td> <td>1</td> <td>ı</td> <td>1</td> <td>49</td>	267	7	194	49	-	_	Ι	1	1	1	1	-	-	1	ı	1	49
632 149 - <td></td>																	
1,538 362 47 41 6 -	873	73	632	149	ı	1	ı	ı	1	ı	I	I	1	1	I	I	149
812 184 3 ***	2,123	23	1,538	362	47	4	9	1	1	1	1	1	39	28	9	1	374
812 184 3 * <td></td> <td>6</td> <td>7</td> <td>-</td> <td>ı</td> <td>ı</td> <td>1</td> <td>1</td> <td>ı</td> <td>ı</td> <td>I</td> <td>ı</td> <td>1</td> <td>ı</td> <td>1</td> <td>ı</td> <td>-</td>		6	7	-	ı	ı	1	1	ı	ı	I	ı	1	ı	1	ı	-
7 11 -	_	1,120	812	184	ო	ო	*	1	1	1	1	1	1	1	1	I	184
674 153 - <td></td> <td>6</td> <td>7</td> <td>-</td> <td>1</td> <td>ı</td> <td>1</td> <td>1</td> <td>ı</td> <td>1</td> <td>1</td> <td>1</td> <td>1</td> <td>ı</td> <td>1</td> <td>ı</td> <td>-</td>		6	7	-	1	ı	1	1	ı	1	1	1	1	ı	1	ı	-
2,039 462 16 14 2 - - - - 2,154 1,561 349 -	0	930	674	153	1	1	1	1	1	1	1	1	ı	1	I	I	153
390 82 120 105 17 -	00	2,813	2,039	462	16	14	2	1	1	1	1	1	2,154	1,561	349	ı	813
427 97 -	(1)	33	390	82	120	105	17	1	ı	1	1	1	1	1	ı	1	66
5,701 1,293 3 * -	u,	689	427	6	ı	ı	ı	ı	1	ı	ı	1	ı	1	I	1	97
521 118 - <td>~</td> <td>7,867</td> <td>5,701</td> <td>1,293</td> <td>က</td> <td>က</td> <td>*</td> <td>1</td> <td>I</td> <td>ı</td> <td>1</td> <td>ı</td> <td>1</td> <td>1</td> <td>1</td> <td>ı</td> <td>1,293</td>	~	7,867	5,701	1,293	က	က	*	1	I	ı	1	ı	1	1	1	ı	1,293
118 25 -	7	719	521	118	1	ı	ı	I	1	ı	1	ı	I	ı	1	1	118
474 107 35 31 5 - </td <td>'</td> <td>163</td> <td>118</td> <td>25</td> <td>ı</td> <td>1</td> <td>1</td> <td>1</td> <td>ı</td> <td>1</td> <td>1</td> <td>ı</td> <td>ı</td> <td>ı</td> <td>ı</td> <td>ı</td> <td>25</td>	'	163	118	25	ı	1	1	1	ı	1	1	ı	ı	ı	ı	ı	25
7,078 1653 367 323 51 - <		654	474	107	35	31	2	1	1	I	1	ı	ı	1	1	ı	112
4,146 968 317 279 44 - - 646 567 106 -	6	892	7,078	1653	367	323	51	1	ı	1	1	ı	ı	ı	1	ı	1,703
11 2 -	2	722	4,146	968	317	279	44	1	1	646	292	106	ı	I	ı	1	1,118
61 14 -<		15	=======================================	2	ı	1	1	1	1	ı	1	ı	ı	ı	1	I	2
31 7 2 2 * -		84	61	14	1	1	ı	ı	ı	ı	ı	1	ı	I	ı	ı	14
24,667 5,679 912 800 125 - - 646 567 106 2,193 1,589 355 - - 24,861 5,728 912 800 125 - - 646 567 106 2,193 1,589 355 -		43	31	7	2	7	*	1	ı	ı	1	ı	ı	ı	ı	I	7
24,861 5,728 912 800 125 646 567 106 2,193 1,589 355 -	-	34,040	24,667	5,679	912	800	125	1	-	646	267	106	2,193	1,589	355	-	6,266
	3	34,308	24,861	5,728	912	800	125	1	-	646	292	106	2,193	1,589	355	1	6,315

Less than 1/2 unit of measure.
 Thousand board feet, International 1/4-inch rule.
 Thousand board feet, Doyle log rule.
 Thousand cubic feet.
 Standard cords are 128 cubic feet, consisting of 79 cubic feet of wood and 49 cubic feet of bark and air space.
 Other products include cabin logs, excelsior, and mine timbers.
 Table may not sum due to rounding.

(Table 5 continued on next page)

Table 5.--Industrial roundwood production by Forest Survey Unit, species group, and destination, Indiana, 2000

(In thousand cubic feet)

ALL UNITS

-					ALL O		Destination					
Species group	Total	Illinois	Indiana	lowa N	lichigan	Missouri V	Visconsin	Kentucky	Ohio	Tennessee	Canada	Other
Softwoods												
Eastern redcedar	390	1	385	ı	ı	ı	ı	S	1	1	I	1
Jack pine	-	1	-	1	ı	١	1	ı	1	1	1	1
Shortleaf pine	79	ı	62	ı	ı	ı	I	ı	17	I	ı	1
Red pine	35	ı	35	ı	1	ı	1	ı		I	ı	ı
White pine	167	1	167	ı	ı	ı	ı	ı	1	I	ı	1
Virginia pine	343		48	ı	1	1	ı	ı	295	ı	t	ı
Total	1,015	1	697	1	-	1	-	5	312		1	1
Hardwoods												
Soft maple	3,643	1	3,501	ļ	14	1	14	91	16	*	t	7
Hard maple	6,422	ı	5,747	ı	87	ı	172	230	65	16	-	105
Paper birch	*	1	*	1	ı	ı	1	1	1	1	ı	1
River birch	29	1	29	ı	ı	ı	I	ı	1	I	ı	1
Hickory	4,850	ı	4,464	1	2	ı	4	368	တ	2	ı	1
Pecan	51	ł	20	ı	ı	1	I	1	1	I	*	1
Hackberry	235		235	ı	ı	1	1	1	1	ı	ı	1
Persimmon	-	ı	*	1	ı	1	ı	-	1	I	ı	1
Beech	1,692	1	1,654	1	1	ı	ı	32	2	*	ı	1
Ash	5,639	1	5,287	1	16	1	1	206	96	က	*	32
Black walnut	2,312	1	1,897	ı	-	2	ı	140	206		29	26
Sweetgum	927	1	903	1	ı	1	ı	23	1	1	1	1
Yellow-poplar	13,867	1	13,405	4	1	ı	1	391	16	-	1	50
Tupelo	12	ı	12	1	1	1	1	1	1	1	ı	1
Sycamore	1,871	1	1,793	ı	ı	1	1	63	14	*	ı	1
Cottonwood	1,229	ı	1,221	1	S	1	1	1	4	1	1	1
Aspen	9	1	9	1	1	1	1	1	1	1	1	1
Black cherry	2,188	1	2,145	1	19	1	1	-	4		*	∞
Red oak group	21,602	1	20,405	1	09	က	16	929	279	13	48	103
White oak group	12,617	80	11,169	1	21	302	ı	736	230	65	29	58
Black locust	-	1	-	ı	ı	ı	1	1	1	1	ı	1
Sassafras	06	1	06	1	ı	1	1	1	1	1	1	1
Basswood	473	1	449	1	7	1	1		22	1		1
Elm	311	1	253	1	ı	1	1	48	2	1	2	1
Kentucky coffeetree	9	I	9	1	ı	1	1	-	1	1	1	1
Total	80,074	80	74,720	4	227	307	205	3,007	970	123	112	389
All species	81,089	ω	75,417	4	227	307	205	3,013	1,283	123	112	389
										Table 5	continuod on	(appen type)

(Table 5 continued)

(Table 5 continued)					KNOBS UNIT	TINO						
							Destination					
												Other
Softwoods	lotal	Siouiiii	Indiana	Iowa	Michigan	Missouri	Wisconsin	Kentucky	OPIO	lennessee	Canada	countries
Eastern redcedar	316	1	311	1	1	1	ı	Ŋ	1	1	ı	ı
Jack pine	*	1	*	1	ı	1	ı	٠ ١	1	ı	ı	ı
Shortleaf pine	74	I	57	1	I	1	1	1	17	1	1	1
Red pine	12	1	12	1	1	ı	ı	ı	1	ı	ı	ı
White pine	09	1	09	1	ı	1	ı	I	1	ı	ı	1
Virginia pine	335	1	40	1	ı	ı	1	ı	295	ı	ı	1
Total	798	1	480	1	1	-	-	2	312	ı	1	l
Hardwoods												
Soft maple	1,264	1	1,159	1	1	1	9	91	2	ı	1	7
Hard maple	3,410	1)	2,923	1	1	1	156	209	2	14	-	105
Paper birch	*	1	*	1	1	1	1	1	ı	1	1	1
River birch	18	ı	18	1	I	I	I	1	1	I	ı	1
Hickory	2,297	1	1,998	1	ı	1	8	296	1	*	ı	1
Pecan	21	ı	21	1	ı	1	ı	I	1	1	1	1
Hackberry	43	1	43	1	1	1	1	1	•	ı		1
Persimmon	*	1	÷k	1	1	1	1	*	1	1	ı	1
Beech	765	1	733	1	1	1	1	32	1	1	1	1
Ash	2,437	1	2,268	1	1	1	ı	133	2	-	*	32
Black walnut	823	1	722	1	ı	-	ı	54	•	7	19	20
Sweetgum	480	1	457	1	ı	1	1	23	1	ı	1	1
Yellow-poplar	6,834	1	6,506	α	1	1	1	275	1	1	1	50
Tupelo	2	1	2	1	1	1	ı	1	1	ı	ı	1
Sycamore	764	1	702	1	1	1	1	63	1	1	ı	1
Cottonwood	325	1	323	1	ı	ı	I	1	2	1	ı	ı
Aspen	-	ı	-	1	1	1	1	1	١	1	1	ı
Black cherry	830	ı	812	1	ı	1	I	-	1	∞	*	∞
Red oak group	10,249	1	9,601	1	1	က	14	473	1	10	46	101
White oak group	5,948	1	4,983	1	ı	243	ı	579	1	62	27	54
Sassafras	43	1	43	1	1	1	ı	1	•	1	1	1
Basswood	75	1	72	ı	ı	1	ı	ı	က	ı	ı	1
Elm	80	1	54	1	1	1	I	23	2	1	2	1
Total	36,711	1	33,442	2	1	247	178	2,252	13	104	95	377
All species	37,509	1	33,922	2	1	247	178	2,258	326	104	95	377
										(Table 5	(Table 5 continued on next page	ext page)

(Table 5 continued)

200			ı		LOWER WA	WABASH UNIT	T Destination	-	ı		ı	
Species group	Total	Illinois	Indiana	lowa	Michigan	Missouri	Wisconsin	Kentucky	Ohio	Tennessee	Canada	Other countries
Softwoods												
Eastern redcedar	7	1	7	1	1	1	1	1		1	ı	1
Jack pine	1	1)	-	1	1	1	1	1	1	1	1	I
Shortleaf pine	-	1	-	1	1	1	1	1	1	1	ı	1
Red pine	11	1	11	1	1	1	1	ı	1	1	ı	I
White pine	13	-	13	ı	1	ı	1	1	1	ı	I	I
Total	33	1	33	1	1	1	1	-	1	*	1	1
Hardwoods												
Soft maple	1,080	1	1,071	1	1	1	80	1	1	*	ı	1
Hard maple	1,198	1	1,176	1	1	1	1	22	1	*	ı	1
River birch	ω	ı	∞	1	ı	ı	1	1	1	1	I	1
Hickory	1,690	1	1,615	1	ı	ı	2	72	1	2	ı	ı
Pecan	29	1	29	1	1	ı	1	1	1	1	*	1
Hackberry	85	ı	85	1	1	1	1	1	1	ı	ı	ı
Persimmon	ł	ı	*	1	ı	ı	1	*	1	1	I	1
Beech	518	1	518	1	1	1	1	1	1	*	ı	I
Ash	1,308	1	1,264	1	ı	1	1	43	ŧ	-	*	I
Black walnut	478	1	384	1	ı	*	I	85	1	2	5	2
Sweetgum	333	1	333	1	1	1	1	1	1	1	1	1
Yellow-poplar	4,551	1	4,432	2	1	1	1	116	1	-	1	1
Tupelo	о	1	o	1	1	1	1	1	1	1	1	1
Sycamore	700	1	700	1	ı	1	1	1	1	*	1	1
Cottonwood	327	1	327	1	ı	1	ı	1	1	1	ı	1
Aspen	2	1	2	1	1	1	1	1	1	1	1	8
Black cherry	327	1	327	1	1	1	1	1	1	ı	ı	1
Red oak group	6,051	1	5,845	1	1	1	*	203	1	2	1	1
White oak group	2,996	∞	2,820	1	ı	∞	1	157	1	2	ı	2
Sassafras	32	1	32	1	1	1	1	ı	1	1	1	1
Basswood	71	ı	71	1	ı	1	1	1	1	1	1	1
Elm	139	1	115	1	ı	ı	1	22	1	1	2	1
Total	21,937	8	21,167	2	1	8	10	720	ı	11	7	က
All species	21,970	8	21,200	2	1	8	10	720	1	11	7	3
										(Table 5	(Table 5 continued on next page)	next page)

					NORTHERN	RN UNIT						
							Destination	,				
Species group	Total	Illinois	Indiana	Iowa	Michigan	Missouri	Wisconsin Kentucky	Kentucky	Ohio	Tennessee	Canada	Other countries
Softwoods												
Eastern redcedar	53	1	53	1	1	1	1	1	1	1	ı	1
Red pine		1	1	1	1	I	1	1	1	1	ı	1
White pine	71	1	71	1	1	I	1	1	1	ı	1	1
Total	136	1	136	1	-	1		1	1	1	1	1
Hardwoods												
Soft maple	1,151	ı	1,122	I	14	1	ı	1	14	1	ı	1
Hard maple	1,439	1	1,281	1	87	1	16	t	54	-	*	*
Paper birch	*	I	*	1	ı	ı	I	1	1	t	ı	1
River birch	-	I	_	1	1	I	1	1	1	ı	1	1
Hickory	629	1	699	1	2	ı	-	1	7	*	ı	1
Pecan	*	I	*	I	1	I	I	1	1	I	ı	1
Hackberry	105	1	105	1	ı	1	I	I	1	1	1	1
Beech	256	1	251	1	1	1	I	1	S	1	ı	1
Ash	1,082	1	1,021	1	16	I	1	1	45	*	*	*
Black walnut	911	1	720	1	-	*	1	ı	181	_	ო	S
Sweetgum	16	1	16	I	ı	1	1	1	1	ı	ı	ī
Yellow-poplar	1,189	1	1,183	I	1	1	ı	ı	9	ı	ı	ı
Tupelo	*	1	*	1	I	I	1	1	ī	1	ı	I
Sycamore	288	1	280	I	1	ı	I	1	∞	1	ı	1
Cottonwood	552	1	546	1	5	I	1	ı	-	1	1	1
Black cherry	918	1	895	I	19	1	1	1	က	-	*	ı
Red oak group	3,600	I	3,346	1	09	*	-	1	190	*	2	*
White oak group	2,555	1	2,379	I	21	2	I	ı	150	_	-	2
Black locust	-	1	_	1	1	I	1	I	1	1	1	1
Sassafras	13	1	13	1	I	I	1	1	1	1	1	1
Basswood	314	1	293	1	2	1	I	1	18	1	1	1
Elm	84	1	81	1	İ	I	ı	1	2	I	-	1
Kentucky coffeetree	9	1	9	1	I	1	1	1	1	ı	ı	ı
Total	15,159	1	14,209	ı	227	2	17	1	684	2	8	7
All species	15,295	1	14,344	1	227	2	17		684	S	8	7
										(Table 5	(Table 5 continued on next page)	next page)

(Table 5 continued)

Contract of the Contract of th					UPLAND FLATS UNIT	LATS UNIT						
							Destination	u				
Species group	Total	Illinois	Indiana	lowa	Michigan	Missouri	Wisconsin	Kentucky	Ohio	Ohio Tennessee	Canada	Other countries
Softwoods												
Eastern redcedar	14	1	14	1	I	ı	1	1	ı	1	1	ı
Shortleaf pine	5	1	5	1	1	1	1	1	1	ı	1	1
Red pine	_	ı	-	1	ı	ı	ı	ı	1	1	1	1
White pine	22	1	22	1	ı	1	ı	I	1	I	ı	1
Virginia pine	∞	ı	80	I	ı	I	ı	1	1	1	1	I
Total	49	1	49	1		1	1	1	1	1	1	-
Hardwoods												
Soft maple	149	1	149	1	I	I	ı	1	1	1	I	1
Hard maple	374	ı	366	1	ı	ı	I	1	00	1	1	1
River birch	-	1	-	1	I	1	1	1	1	I	I	1
Hickory	184	1	182	1	ı	ı	ı	ı	2	ı	1	1
Hackberry	-	ı	-	ı	I	1	1	1	1	1	1	1
Beech	153	ı	152	1	1	1	1	ı	*	1	ı	1
Ash	813	ı	733	I	I	1	ı	30	49	*	*	1
Black walnut	66	ı	71	1	ı	*	ı	*	25	-	2	1
Sweetgum	97	1	97	1	1	1	1	1	1	1	1	ı
Yellow-poplar	1,293	1	1,283	1	ı	ı	ı	1	10	ı	1	ı
Sycamore	118	ı	113	ı	1	1	1	1	2	1	1	1
Cottonwood	25	1	25	1	1	ı	ı	1	*	1	1	ı
Black cherry	112	1	110	ı	1	1	ı	*	-	_	*	1
Red oak group	1,703	I	1,613	I	ı	l	*	1	88	ı	1	-
White oak group	1,118	1	987	ı	1	50	1		80	ı	1	1
Sassafras	2	1	2	ı	ı	ı	1	1	1	1	1	1
Basswood	14	1	12	1	1	1	1	1	2	1	1	1
Elm	7	1	3	1	1	1	1	3	-	1	*x	1
Total	6,266	1	5,902	1	1	50	*	34	273	လ	3	-
All species	6,315	1	5,951	1	1	20	*	34	273	3	3	1
* Less than 500 cubic feet.												

Table may not sum due to rounding.

Table 6.-Industrial roundwood production by Forest Survey Unit, county, and species group, Indiana, 2000

(In thousand cubic feet)

													FEIGWOODS	n			
Forest Survey Unit and county	AII species	Eastern redcedar	Jack Shortleaf pine pine	nortleaf pine	Red pine	White pine	Virginia pine s	Total softwoods	Soft maple	Hard maple	Paper birch	River birch	Hickory	Pecan	Pecan Hackberry	Persim- mon	Beech
Knobs Unit	1 831			1					7.3	0.7		*	00	*			
Clark	924	1	1	21	1	4	00	32	3.7	13.0	ı	ı	9	*		1 1	V
Crawford	1,841	29	*	*	1	· m) 1	70	4 4	216	ı	*	56	*	*	*	ľ
Dubois	2,774	*	*	*	2	2	1	4	118	228	1	-	201	2	7	*	5.4
Floyd	412	22	1	1	1	4	80	34	21	20	1	1	2	*	1	1	
Harrison	2,498	26	ı	1	-	က	I	101	81	383	1	-	70	*	-	*	4
Jackson	3,022	*	ı	က	2	4	53	61	87	223	*	4	172	*	4	1	7
Lawrence	2,683	I	*	*	*	1	1	*	86	237	*	-	212	*	-	1	7
Monroe	1,881	1	1	1	-	1	1	1	58	148	*	*	132	*	_	1	9
Morgan	1,993	1	1	1	1	1	1	1	63	168	*	ı	141	*	1	1	_
Orange	2,744	22	*	44	2	2	1	26	92	263	1	-	151	2	2	1	7
Owen	4,144	1	1	1	1	1	1	1	135	291	1	*	375	*	80	1	7
Perry	2,230	11	*	*	1	2	1	13	100	239	1	*	208	*	4	*	4
Scott	1,456	*	ı	28	-	4	259	291	62	20	1	-	29	*	-	1	2
Spencer	1,716	29	*	*	2	23	1	92	63	176	1	-	151		4	*	Ω
Warrick	1,237	7	*	*	2	4	1	13	43	88	ı	-	65	5	4	*	
Washington	4,122	22	1	22	2	4	80	59	121	430	1	4	160		S	1	7
Total	37,509	316	*	74	12	09	335	798	1,264	3,410	*	18	2,297	21	43	*	9/
Lower Wabash Unit																	
Clay	2,608	1	1	ı	ı	1	1	1	111	164	1	1	134	1	10	1	4
Daviess	1,639	1	*	*	2	2	ı	ဇ	108	61	1	-	118	2	4	1	9
Gibson	582	1	*	*	2	2	ı	4	47	18	ı	-	84	2	4	1	_
Greene	3,301	ı	*	*	*	1	-	*	150	189	ı	-	398	1	2	1	80
Knox	933	1	-14	*	2	2	1	က	89	36	1	-	86	2	5	1	2
Martin	1,721	1	- K	*	7	N	1	က	83	98	1	-	123	5	2	*	9
Parke	2,521	1	1	1	*	1	1	*	83	143	I	*	114	ı	12	1	S
Pike	1,364	1	*	*	2	2	1	4	75	77	1	-	154	5	4	*	e
Posey	272	1	-14	*	1	1	1	×	27	-	1	*	24	-	2	1	
Putnam	2,097	1	1	ı	1	1	1	1	73	135	1	ı	88	1	00	1	2
Sullivan	1,367	1	*	*	ı	1	1	*	89	85	ı	-14	154	1	-	1	2
Vanderburgh	459	7	*	*	2	4	1	14	35	19	1	-	35	S	4	*	_
Vermillion	469	1	ı	1	1	1	1	1	17	22	1	ı	22	1	4	1	
Vigo	2,637	-	1	ı	1	1	1	1	103	150	1	1	156	1	24	1	49
Total	21,970	7	-	1	11	13	1	33	1,080	1,198	1	8	1,690	29	85	*	518

Note Wile Wighle Softwoods Maple Maple Dirak D	able 6 continued)				Softwoods	ds	١	ı	ı					Hardwoods			I
1	orest Survey Unit	Aii	Eastern	Jack Sh	ortieaf pine	Red pine		Virginia pine so	Totai ftwoods	Soft	Hard	Paper birch	River	Hickory		Persim-	6
100 100	lorthern Unit															ı.	
7. 7. 7. 7. 7. 7. 7. 7. 7. 7. 7. 7. 7. 7	Adams	224	1	ı	ı	ı	ı	ı	ı	15	15	ı	1	11		1	9
1	Allen	610	I	1	ı	1 -	ı	ı	1 -	45	64	1	1 -	53		1	0
1	Bartholomew	794	1	1	ı	k	ı	1		18	99	I	*	50		1	CV ·
200	Blackford	121	1 1	1	1 1	1	1 1	1	1	N N	- u	1 1		- c		1	
938 938 938 938 938 938 938 938 938 938	Boone	177	1 1			l 1		1 1	1 1	n o	n a	1 1	1	V 0	1 1	1 1	1 0
145	Carroll	380		1 1		1 1	-			946	0 0			י ת	1 1		2 0
146	Cass	539	ı	1						0 6	49			0.0	1 1		7 4
6.89	Clinton	145	1	1	ı	1	- 1	1	- 1	9 0) -	ı	ı	9 0	1 1	1	ο α
889	De Kalb	750	1	ı	ı	1	ı	ı	ı	50	- o	ı	ı	41	1	1	17
99	Decatur	685	ı	1	ı	ı	ı	1	1	16	3 0	ı	1	- 6	1	ı	17
10 10 10 10 10 10 10 10	Delaware	000	1	1	ı	ı	ı	ı	ı		0	ı	ı	-	1	ı	*
282	Elkhart	543	37	ı	1	m	16	ı	57	- 65	50	ı	*	27	1	1	5
1282	Fountain	504	; 1	4	t	' 1	*	1	*	14	14	1	1	50	1 100	1	4
118	Fulton	282	1	1	ı	-	4	1	4	38	6	1	I	7	1	1	. С
131	Grant	118	1	1	1	. 1	1	1	. 1	7	. α	1	1	4	ı	1) 1
957	Hamilton	131	1	1	ı	I	I	ı	ı	ග	0	ı	ı	80	ı	1	00
940	Hancock	57	1	1	ı	1	ı	1	1	'	2	1	ı	· 	1	1	-
160	Hendricks	340	1	1	ı	1	ı	1	1	14	30	ı	ı	18	-	1	. (1
160	Henry	86	1	1	ı	ı	ı	1	1	-	9	1	ı	. ~	1	1	*
219	Howard	160	1	1	ı	I	ı	ı	ı	1	· -	1	1	I 0	ı	1	10
91	Huntington	219	ſ	ı	1	1	ı	1	1	18	3.5	1	ı	- σο	1	1	4
616 617 618 619 619 619 619 619 619 619 619 619 619	Jasper	91	1	1	ı	1	ı	1	1	16	-	1	ı	-		1	1
516	Jav	19	1	1	ı	1	1	1	1	*	*	1	ı	1	1	1	4
707 5	Johnson	616	1	1	1	1	ı	1	1	21	89	*	1	41	1	1	5
707 5	Kosciusko	520	1	1	1	1	-	1	-	45	99	1	1	18	-	1	5
178	La Grange	707	ro	1	1	က	16	1	24	69	89	1	1	34	1	1	6
176	La Porte	328	1	1	ı	1	2	1	2	41	39	ı	ı	15	1	1	e
248	Lake	176	I	1	ı	1	1	1	1	16	17	ı	1	80	1	I	I
217	Madison	48	1	1	1	1	ı	ı	1	2	2	1	ı	2	-	1	2
561 5	Marion	217	1	1	1	1	1	ı	1	80	32	ı	*	2	1	1	•
561 -	Marshall	413	1	1	1	2	26	1	31	32	20	1	1	12	*	1	4
575	Miami	261	I	ı	ı	1	-	ı	_	35	97	ı	1	23	- 2	1	æ
570	Montgomery	575	1	1	ı	ı	•	ı	*	22	25	ı	ı	53	0	1	6
570	Newton	108	1	1	1	1	ı	ı	I	23	-	ı	1	-	1	1	1
213	Noble	570	1	1	ı	1	ı	ı	ı	41	29	ı	1	28	r I	1	10
127	Porter	29	I	ı	ı	1	1 3	1	1.3	2 2	4 (ı	1	m ·	1	1	1
147	Pulaski	N 2	1	1	ı	ı	-	ı	-	62	χ,	ı	ı	4	1	1	1
140	Duch	107	1	1	1	I	ı	1	ı	1 3	c	ı	I	1 4	1	1	۱ •
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555 5 5 5 6 8 6 29 - 5 - 5 - 6 100e 330 12 13 6 1.151 1,439 ** 1 679 ** 17 171 ** 18 1 ** 18 1 ** 18 1 ** 19 1 ** 19 1 ** 19 1 ** 19 1 ** 19 1 ** 19 1 ** 11 ** 19 1	Starke	248		ı	ı	1	-	1	,	34	12	1	1	7	1	1	1
143	Steuben	555		1	1	ı	1	1	· 2	48	. 53	1	1	29	1	ı	15
143	Tippecanoe	330		1	1	I	-	1	-	37	12	1	1	12	- 5		10
244 1 - 1 22 39 8 - 1 - 1 - 1 22 39 8 - 1 1 22 - 1 1 22 39 6 0 1 1 28 5 3 2 - 3 1 1 28 5 3 3 1 1 28 5 3 3 1 1 28 5 3 3 1 1 28 5 2 5 3 1 1 24 52 2 5 3 1 1 71 - 1 1439 * 1 679 * 1 1679 1 178 pt on next page 1	Tipton	143	1	\$	1	ı	ı	ı	ı	6	11	1	ŀ	ω			8
122 1 - 1 9 4 5 - 1 - 1 - 1 136 1,151 1,439 * 1 679 * 1 (Table 6 continued on next press.)	Wabash	244	1	1	ı	ı	-	1	-	22	39	1	1	80			2
136 4 2	Warren	122		1	ı	ı	-	1	-	o :	4	ı	1	ഹ			ල (
60 2 - 2 - 2 - 2 - 2 - 1 - 1 28 5 2 - 1 - 1 28 180 1 1 - 1 44 52 - 25 - 3 - 1 1 - 15.295 53 - 11 71 - 136 1,151 1,439 * 1 679 * 105 - 1 1 171 - 136 1,151 1,439 * 1 679 * 105 - 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	Wayne	136		I	ı	1	I	I	I	m	Φ 1	I	ı	4 (m ·
180 3 - 1 - 1 28 5 3 - 1 - 1 44 52 25 - 3 - 1 - 1 498 1 1 71 - 136 1,151 1,439 * 1 679 * 105 - 1 (Table 6 continued on next ps	Wells	09		1	1	1	1 1	I	1 1	2 6	က၊	1	1	CV C			- (
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13 Jahren 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	Total	1000 21			'	-	7.4	1	126	1 151	1 420	1 *	, ,	670	-		256
		20.0								,	.,,) -14-T)		

				Softwoods	spo								Hardwoods				
Forest Survey Unit	AII	Eastern	Jack	Jack Shortleaf	Red	White	Virginia	Total	Soft	Hard	Paper	River	The second			Persim-	
and county	species	redcedar	pine	pine	plne	pine	pine s	pine softwoods	maple	maple	blrch	birch	Hickory	Pecan Hackberry	ackberry	mon	Beech
Upland Flats Unit																	
Dearborn	427	-	1	1	1	1	1	-	18	29	ı	ı	13	1	1	1	11
Fayette	266	1	1	1	1	ı	1		14	25	1	1	15	ı	I	1	O
Franklin	719	-	1	1	1	I	ı	-	17	48	1	1	18	1	1	1	24
Jefferson	848	-	1	2	ı	18	1	21	24	7.1	ı	I	1	1	I	ı	89
Jennings	2,483	*	1	2	-	1	1	က	33	131	ı	-	83	ı	-	1	64
Ohio	131	1	1	1	ı	I	I	ŧ	က	14	ı	1	4	1	1	1	1
Ripley	983	*	1	1	1	4	80	12	22	32	ı	ı	26	1	1	1	25
Switzerland	143	11	1	1	1	*	ı	11	4	9	I	1	-	ı	1	1	*
Union	315	1	1	ı	1	1	1	1	13	17	1	1	13	ı	1	1	13
Total	6,315	14	1	5	1	22	8	49	149	374	1	-	184	1	-	1	153
State total	81,089	390	-	79	35	167	343	1,015	3,643	6,422	*	29	4,850	51	235	-	1,692

Forest Survey Unit																
and county	Ash	Black walnut Sweetgum	mnb	Yellow- poplar	Tupelo Sycamore	vcamore	Cotton- wood	Aspen	Black cherry	Red oak group	White oak	Black locust Sa	Sassafras Basswood	wood	Kentuck Elm coffeetre	y To
Knobs Unit																
Brown	22	7.0	15	321	1	39	14	1	53	583	317	1	4	2		-
Clark	59	14	16	152	1	2	10	1	22	245	181	ı	-	4	1	. 892
Crawford	136	24	9	305	*	34	*	1	26	529	339	1	2	Q	60	-
Dubois	206	44	22	513	*	87	21	*	32	694	481	I	2	က	- 14	2,770
Floyd	19	12	12	63	1	2	10	ı	12	89	106	1	-	4	1	378
Harrison	199	39	တ	379	I	23	Ξ	1	58	682	402	1	2	7	-	2,3
Jackson	234	52	41	564	1	38	56	1	59	936	398	ı	4	က	5	2,0
Lawrence	227	58	40	472	*	74	18		52	790	327	I	*	2	80	2,683
Monroe	62	69	16	406	1	34	15	1	57	582	255	1	2	4	2	- 1
Morgan	71	130	4	434	1	11	က	I	94	572	270	ı	9	80	*	1,5
Orange	187	49	39	533		29	21	٠	55	749	411	1	*	7	9	2,
Owen	212	134	32	1,018	-	116	35		81	1,079	513	1	10	14	- 17	. 4
Perry	160	27	38	284	*	70	4	1	30	488	504	ı	ო	7	2	. 2,
Scott	144	16	44	224	1	42	24	1	22	297	156	1	-	က	4	-
Spencer	143	18	22	205	*	36	7	1	28	412	296	1	က	1	en en	1,0
Warrick	94	o	23	280		24	17	1	12	362	178	1		1	4	. 1,223
Washington	226	58	99	629	+	61	56	1	138	1,160	814	1	က	-	10	4,0
Total	2,437	823	480	6,834	2	764	325	-	830	10,249	5,948	1	43	7.5	- 80	36,711
Lower Wabash Unit																
Clay	151	20	17	642	*	73	24	•	51	796	317	1	-	13	10	. 2,608
Daviess	94	38	54	320	-	86	21	*	20	449	182	1	*	1	13	. 1,636
Gibson	54	4	20	69	-	27	16	*	4	124	83	ı	I	1	-	
Greene	130	83	20	655	-	98	32	٠	44	891	457	1	-	9	- 26	, ,
Knox	92	12	19	142	-	28	28	•	16	238	139	1	-	Ø	-	. 929
Martin	86	37	40	332	-	64	16		25	487	226	-	1	1	- 10	-
Parke	134	75	13	869	*	62	51	1	36	719	289	I	13	16	- 14	2,5
Pike	120	27	37	229	-	47	26	4	16	321	174	1	-	2	m	1,0
Posey	14	2	9	59	-	14	6	*	2	68	64	I	1	1	*	. 272
Putnam	110	81	80	583	*	20	25	*	52	621	209	1	7	6	=	2,097
Sullivan	65	14	32	277	2	47	21	*	13	304	180	ı	*	7	19	. 1,367
Vanderburgh	20	4	12	20	-	18	15	*	2	92	86	1	*	1	-	. 445
Vermillion	17	89	80	100	1	22	16	1	9	146	89	ı	*	4	-	. 469
Vigo	194	43	16	423	-	49	27	*	37	794	521	1	9	13	- 29	2,637
Total	1.308	478	333	4.551	6	200	327	2	327	6.051	966 6	-	32	71	139	21.93

Forest Survey Unit		Black					Cotton-		Black	Red oak	White oak					۱ '	Total
and county Northern Unit	Asn	Wainut Sweetgum	mngia	popiar	Inpelo sycamor	camore	Mood	Aspen	cnerry	group	group	S ISPOOL	Sassarras Ba	Basswood	EII COTTE	correerree nai	ardwoods
Adams	22	10	1	4	1	6	7	1	4	61	47	1	1	9	2	1	224
Allen	7.1	58	1	12	1	13	10	1	22	151	101	I	1	14	4	-	610
Bartholomew	25	34	2	121	1	7	က	1	35	271	157	I	-	-	*	ı	794
Benton	-	-	1	7	1	-	21	1	-	29	35	ı	1	1	1	ı	121
Blackford	2	-	1	-	I	2	-	ı	-	10	15	1	1	1	ı	ı	46
Boone	6	0	1	15	1	7	o	1	o	16	22	1	1	œ	ı	ı	144
Carroll	18	24	1	18	I	80	34	1	25	65	26	1	I	15	က	ı	381
Cass	24	31	*	29	1	12	56	ı	36	91	79	1	*	19	7	ı	538
Clinton	10	6	1	12	I	9	80	1	10	17	22	ı	*	8	ı	ı	145
De Kalb	09	62	I	23	1	19	17	1	29	169	123	1	*	16	00	-	750
Decatur	123	8	2	89	ı	13	9	1	13	185	152	1	I	2	2	ı	685
Delaware	3	-	ı	5	1	*	1	1	2	11	13	1	1	*	*	ı	39
Elkhart	27	14	-	53	1	10	1	1	38	107	54	*	-	12	2	-	486
Fountain	19	34	2	66	1	25	31	ı	7	150	70	1	-	9	-	1	503
Fulton	10	10	*	=======================================	I	က	28	I	22	61	26	1	*	89	2	ı	278
Grant	25	8	1	7	1	က	-	1	2	27	30	ı	1	-	-	1	118
Hamilton	6	80	1	0	1	9	8	1	6	14	20	1	1	8	1	1	131
Hancock	0 0	om	I) (T	ı	*) 1	1	o cc	=======================================	30	1	1	,	1	1	57
Hendricks	1 t	3.0	ı	61	ı	-	-	1	22	101) e	1	-	- c:	ı	١	340
Long	2 5	- u		- 0		*			1 R	03	200	-	-) -	-	1 1	000
Howard	2 5	o Ç	*	7 - 1		α	4		5	17	200		*	- 0			160
Huntington	90	0 6				0 0	5 <		17	2.0	000	1) (d	- <	-	210
lacher	04	2 *	ı	-		J "	1 4			000	200		ı I	P 1	r ı	- 1	0.12
lav		*	1	*		*	1	1	*	3 10	1 0	1	1	ı	ı	ı	- 0
Johnson.	- 60	42	-	102	*c	-	-	I	35	166	. cc	1		C.	ı	ı	616
Kosciusko	40	. rc	. 1	22	ı	. 6	- 0	ı	21.0	122	80	1	-	, =	4	-	519
La Grange	09	29	1	29	1	ıΩ	1 (9	1	54	155	87	*	2	18	7	*	683
La Porte	22	12	1	24	1	2	4	1	38	92	39	1	-	10	8	1	327
Lake	16	က	1	80	ı	*	I	1	24	52	26	1	2	က	I	ı	176
Madison	2	2	1	2	1	2	2	1	2	6	16	1	1	2	ı	1	48
Marion	6	10	1	49	1	-	1	1	12	54	39	1	1	*	1	1	217
Marshall	15	28	ı	22	1	4	-	1	40	117	40	1	*	10	က	ı	382
Miami	35	42	*	31	1	8	1	1	87	135	31	1	*	13	က	ı	561
Montgomery	30	26	4	98	1	27	24	1	15	141	81	I	1	13	-	ı	574
Newton	-	*	1	-	I	*	21	ı	-	27	33	1	I	1	I	1	108
Noble	53	56	1	16	1	6	0	1	27	136	96	*	*	12	Ŋ	-	220
Porter	4	_	1	က	1	*	*	ı	2	19	20	1	*	*	ı	1	62
Pulaski	9	2	1	S	1	*	22	1	15	69	45	1	*	က	ı	I	213
Randolph	* !	- (1	* (ı	* (I	1	- (28	10	ī	I	Ι.	1 4	I	41
Hush	1/	9 4	ı	9 1	ı	თ "	1	1	(O L	24	36	ı	I	٠,	K +	I	127
Shelby	- 0	4 1	I	- 0	ı	, (1	ı	0 0	31	22	1 +		. (. (1 •	140
St. Joseph Starke	<u></u> 0	7	1	Z C	1	V *	000	1	6 V T	4 4	7.5		- *	י מ	N I	: 1	300
Stellhen	0 4	42	1 1	19	1 1	17	17	1 1	200	127	2 0	l *	-	0 0	ا د	ı -	7 1 7
Tippecanoe	1 00	17	ı	2.5	1	0	45	1	12	5.5	629	ı	- 1	10	· -	٠ ،	329
Tipton		. o	ı	10	1	. 0	0 00	1	0	16	22	ı	ı	000	. ,	1	143
Wabash	26	20	*	12	1	S	7	1	22	38	29	1	*	7	4	1	243
Warren	5	4	1	16	1		28	1	3	11	21	ı	ı	2	1	1	121
Wayne	6	2	-	10	1	က	-	1	2	49	34	ı	ı	-	*	1	136
Wells	20	-	1	ı	ı	-	*	1	-	13	14	ı	-	2	ı	ı	09
White	. S	က ု	1	4 (I	ω (24	I	12	44	44	I	ek e	0	1 1	1.	179
whitley	54	45	ı	9	1	ဘ	ກ	1	35	102	(2)	ı	¢	20	Q	_	498
CAC	000	770	0	007		000	L		0,0	0000	L	,	-			(CLTLT

vey Unit Ash walnut Sweetgum Yellow- Cotton- Cotton- Black Nood ts Unit 68 23 3 85 - 8 - 13 80 14 1 140 - 33 - 8 - 13 109 19 14 193 - 16 - 13 257 19 51 537 - 46 11 - 22 3 4 - 25 - 46 11 - 4 150 6 27 208 - 17 11 15 114 4 1 34 - 25 - 4 15 14 4 1 38 - 9 1 1 1 150 6 27 208 - 9 - 3 114 4 1 38 -		Har	Hardwoods	ĺ	ļ				
Ash walnut Sweetgum poplar Tupelo Sycamore wood Aspen o 68 23 3 - 8 - </th <th>Yellow-</th> <th>Cotton-</th> <th>Black</th> <th>Red oak White oak</th> <th>hite oak</th> <th>Black</th> <th></th> <th>Kentucky</th> <th>cky Total</th>	Yellow-	Cotton-	Black	Red oak White oak	hite oak	Black		Kentucky	cky Total
68 23 3 85 - 8 25 10 - 33 - 9 13 11 11 11 11 11 11 11 11 11 11 11 11	poplar			group	group	locust Sassafras Basswood	poomss	Elm coffeetree	ree hardwoo
68 23 3 85 - 8									
25 10 - 33 - 9	85 - 8	*	13	26	54	*	4	1	- 4
80 14 1 140 - 13 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1	33 - 9	1	13	44	29	*	2	-	- 266
109 19 14 193 - 16	140 13	-	16	198	145	*	2		_ 7
257 19 51 537 - 46 11 - 25 - 34 - 25 - 34 - 17 11 - 25 - 34 - 34 - 35 - 34 - 35 - 34 - 35 - 34 - 35 - 35		***	22	229	112	*	*		8
150 6 27 208 - 17 11 - 17 1 - 17 1 - 17 1 - 17 1 - 17 1 - 17 1 - 17 1 1 1 1	537 - 46	#	25	292	449	-	2	9	2,4
150 6 27 208 – 17 11 – 10 7 2 – 34 – * 114 4 1 38 – 9 1 – 813 99 97 1,293 – 118 25 –	25 - *	1	4	36	37	-	-		-
nd 7 2 - 34 - *		1	15	252	179	1	-	-	6 -
114 4 1 38 – 9 1 – 813 99 97 1,293 – 118 25 –	34 - *	1	က	43	31	1	*	*	1
813 99 97 1,293 - 118 25 -		-	9	42	46	1	-		- 3
	1,293 – 11			1,703	1,118	- 2	14	7	- 6.2
12 1,871 1,229 6	13,867	1,229	2,188	21,602	12,617	1 90	473	311	70'08 9

• Less than 500 cubic feet. Table may not sum due to rounding.

Table 7.--Saw log receipts (International 1/4-inch rule) by Forest Survey Unit, species group, and State of origin, Indiana, 2000

(In thousand board feet)

	-		ALL UP	UNITS		ı		ŧ.
Species group	Total	Illinois	Indiana	Kentucky	State of Origin Michigan	Ohio T	Tennessee	Wisconsin
Eastern redcedar	2,107	ı	1,804	302	1	-	ı	1
Jack pine	2	ı	2	1	1	ı	ı	1
Shortleaf pine	357	1	357	ı	ı	ı	ı	ı
Red pine	138	1	138	1	1	1	1	1
White pine	641	1	610	17	14	ı	ı	ı
Virginia pine	276	1	276	1	1	1	1	1
Total	3,524	1	3,190	319	14	-	1	1
Hardwoods								
Soft maple	24,485	1,324	19,850	312	2,680	313	1	9
Hard maple	36,414	458	32,299	1,078	2,272	291	*	17
River birch	175	1	175	1	1	ı	I	1
Hickory	31,561	3,270	26,129	302	1,634	226	*	1
Pecan	276	1	276	1	ı	ı	1	1
Hackberry	1,651	111	1,429	1	72	40	ı	1
Persimmon	*	ı	*	*	ı	ı	ı	1
Beech	10,530	275	9,523	124	534	74	*	1
Ash	28,794	1,145	24,130	1,141	2,134	238	ı	9
Black walnut	13,594	375	11,878	208	620	119	92	17
Sweetgum	5,393	376	4,949	68	ı	ı	ı	1
Yellow-poplar	82,154	2,169	77,556	1,434	829	166	-	1
Tupelo	47	∞	38	1	1	1	1	1
Sycamore	11,272	727	10,190	113	142	100	1	1
Cottonwood	8,536	390	7,524	89	450	105	II	1
Aspen	44	∞	36	1	1	ı	1	1
Black cherry	15,574	221	12,543	495	2,107	142	20	17
Red oak group	131,145	5,299	116,416	4,503	4,058	851	*	17
White oak group	68,848	3,213	59,805	2,528	2,329	957	1	17
Black locust	16	1	2	1	11	1	1	1
Sassafras	628	-	549	20	45	က	ı	1
Basswood	3,545	39	2,583	1	853	99	1	9
Elm	1,840	19	1,542	ı	253	26	I	1
Kentucky coffeetree	64	ı	34	I	27	က	ı	1
Total	476,587	19,438	419,457	12,694	,05	3,720	127	66
All species	480,110	19,438	422,648	13,013	21,065	3,721	127	66
							-	

(Table 7 continued on next page)

(Table 7 continued)

(Table 7 continued on next page)

(Table 7 continued)

		PC	LOWER WABASH UNIT	SASH UNIT				
1000				S	State of origin			
Species group	Total	Illinois	Indiana	Kentucky	Michigan	Ohio	Tennessee	Wisconsin
Softwoods								
Jack pine	2	1	2	ı	1	1	1	1
Shortleaf pine	2	1	5	1	1	1	1	1
Total	10		10	1	1	1		1
Hardwoods								
Soft maple	6,776	1,181	5,595	ı	ı	I	ı	1
Hard maple	960'9	295	5,801	ı	1	1	I	1
River birch	5	ı	2	ı	ı	1	1	1
Hickory	10,467	2,191	8,276	ı	1	1	ı	I
Hackberry	677	111	566	1	ı	1	I	1
Beech	2,649	275	2,374	1	1	1	ı	1
Ash	6,321	671	5,650	I	ı	1	1	I
Black walnut	2,349	75	2,274	1	1	1	ı	1
Sweetgum	1,919	376	1,543	ı	1	I	I	1
Yellow-poplar	28,961	1,873	27,088	1	1	1	1	1
Tupelo	47	∞	38	ı	ı	1	I	ı
Sycamore	4,083	290	3,492	1	1	1	I	I
Cottonwood	2,228	390	1,837	ı	ı	ı	I	ı
Aspen	41	∞	33	1	ı	1	ı	ı
Black cherry	1,898	63	1,835	1	ı	ı	ı	1
Red oak group	38,014	3,130	34,884	ı	ı	1	1	ı
White oak group	14,192	1,263	12,929	I	ı	1	ı	1
Sassafras	289	10	279	ı	ı	1	1	1
Basswood	451	31	419	I	ı	1	ı	I
Elm	200	19	069	1	ı	1	ı	1
Total	128,170	12,562	115,608	1	1	ı	1	1
All species	128,181	12,562	115,619	ı	ı	1	1	1
						E/	7 0000	10000

(Table 7 continued on next page)

(Table 7 continued)

			NORTHERN	N UNIT				
		100		S	State of origin		r	
Species group	Total	Illinois	Indiana	Kentucky	Michigan	Ohio	Tennessee	Wisconsin
Softwoods								
Eastern redcedar	250	ı	250	1	1	1	1	1
White pine	92	1	62	1	14	1	1	1
Total	326	ı	312	1	14	1	1	
Hardwoods								
Soft maple	9,302	15	6,290	ı	2,680	312	1	9
Hard maple	9,861	34	7,240	o	2,272	290	1	17
Hickory	5,878	S	4,014	1	1,634	225	1	1
Hackberry	269	1	585	1	72	40	1	1
Beech	2,176	1	1,569	1	534	74	1	1
Ash	8,046	32	5,620	17	2,134	237	ı	9
Black walnut	5,108	44	4,285	26	620	116	ı	17
Sweetgum	က	I	က	ı	ı	I	ı	1
Yellow-poplar	7,892	10	6,910	1	829	142	1	1
Sycamore	1,738	တ	1,480	o	142	100	1	1
Cottonwood	3,925	ı	3,371	1	450	104	1	1
Black cherry	7,715	26	5,370	26	2,107	140	1	17
Red oak group	26,407	216	21,115	171	4,058	831	ı	17
White oak group	25,071	625	20,554	599	2,329	946	1	17
Black locust	16	ı	2	ı		1	1	1
Sassafras	156	-	108	ı	45	က	1	ı
Basswood	2,698	7	1,768	1	853	65	1	9
Elm	783	ı	503	1	253	26	1	1)
Kentucky coffeetree	64	1	34	ı	27	လ	I	1
Total	117,536	1,054	90,824	856	21,051	3,652	1	66
All species	117,862	1,054	91,136	856	21,065	3,652	1	66
						(Ta	Table 7 continued	on next nage)

(Table 7 continued on next page)

(Table 7 continued)

		ח	UPLAND FLATS UNIT	ATS UNIT				
				S	State of origin			
Species group	Total	Illinois	Indiana	Kentucky	Michigan	Ohio	Ohio Tennessee	Wisconsin
Softwoods								
Eastern redcedar	16	1	1	က	1	-	1	1
White pine	240	1	240	1	ı	ı	1	1
Virginia pine	276	-	276	1	ı	ı	1	ı
Total	532	1	528	က		-	- Constitution of the Cons	1
Hardwoods								
Soft maple	1,008	ı	1,006	I	ı	-	ı	1
Hard maple	1,355	ı	1,353	1	1	-	1	ı
Hickory	804	ı	802	ı	ı	_	1	1
Beech	704	I	703	ı	ı	-	1	1
Ash	1,483	ı	1,479	က	ı	_	1	1
Black walnut	169	ı	162	က	1	က	1	1
Sweetgum	821	ı	821	ı	ı	1	ı	1
Yellow-poplar	5,647	ı	5,588	35	ı	24	ı	1
Sycamore	561	ı	561	ı	ı	-	ı	i
Cottonwood	442	ı	441	ı	ı	-	ı	1
Black cherry	222	ı	213	7	ı	N	ı	1
Red oak group	5,773	ı	5,735	17	ı	21	1	1
White oak group	2,511	ı	2,501	ı	ı	10	ı	ı
Basswood	41	1	40	1	1	-	1	1
Total	21,540	1	21,406	99	1	68	1	1
All species	22,071	-	21,933	69	ı	69	1	1
* Less than 500 board feet.								

Less than 500 board feet.
 Table may not sum due to rounding.

Table 7a.--Saw log receipts (Doyle rule) by Forest Survey Unit, species group, and State of origin, Indiana, 2000

(In thousand board feet)

F		ALL UNITS		State of origin			
	siouiiii	Indiana	Kentucky	Michigan	Onio	iennessee Wi	Wisconsin
	ı	1,307	219	ı	—	ı	1
	ı	4	ı	ı	ı	1	1
	I	259	ı	ı	ı	ı	1
	ı	100	ı	1	ı	ı	1
	1	442	12	10	ı	1	1
	I	200		ı	ı	I	1
	1	2,312	231	10	-	1	1
	096		226	1,942	227	ı	4
	332	23,405	781	1,647	211	*	12
	ı	127	I	1	ı	1	1
	2,369	18,934	219	1,184	164	*	1
	ı	200	1	1	1	ı	I
	80	1,035	ı	52	29	1	1
	1	*	*	ı	ı	ı	1
	199	6,901	06	387	54	*	1
	830	17,486	827	1,546	173	1	4
	272	8,607	368	450	98	22	12
	272	3,587	49	1	1	1	1
	1,571	56,200	1,039	601	120	*	1
	9	28	1	1	1	1	1
	527	7,384	82	103	73	1	1
	283	5,452	49	326	92	ı	1
	9	26	I	1	ı	ı	ı
	160	680'6	359	1,527	103	36	12
	3,840	84,360	3,263	2,941	617	•k	12
	2,328	43,337	1,832	1,688	693	ı	12
	1	က	ı	8	ı	ı	I
	∞	398	15	33	2	ı	1
	28	1,872	ı	618	47	ı	4
	14	1,117	1	184	19	1	1
	-	25	1	20	2	_	1
	14,086	303,955	9,198	15,254	2,696	92	72
	14,086	306,266	9,429	15,264	2,696	92	72
					(Table 7a	continued on next page,	ext page)

(Table 7a continued)

(Table /a collillided)			KNOBS UNIT	UNIT				
				Sta	State of origin			
Species group	Total	Illinois	Indiana	Kentucky	Michigan	Ohio Te	Tennessee Wisconsin	onsin
Softwoods								
Eastern redcedar	1,334	1	1,118	217	1	ı	1	ı
Shortleaf pine	255	1	255	1	ı	ı	ı	1
Red pine	100	ı	100	ı	ı	ı	ı	1
White pine	235	i	223	12		ı	1	1
Total	1,925	1	1,696	229	-	-		1
Hardwoods								
Soft maple	5,362	93	5,043	226		ı	ı	1
Hard maple	13,842	93	12,975	775	ı	ı	*	1
River birch	123	ı	123	ı	1	I	1	ı
Hickory	10,443	778	9,447	219	ı	ı	*	1
Pecan	200	ı	200	1	1	ı	1	1
Hackberry	201	ı	201	I	1	I	ı	1
Persimmon	*	1	*	*	1	ı	1	1
Beech	3,624	1	3,534	06	1	ı	*	ı
Ash	9,379	320	8,248	812	1	ı	1	ı
Black walnut	4,326	186	3,737	347	ı	ı	55	1
Sweetgum	1,920	1	1,871	49	1	ı	1	1
Yellow-poplar	28,735	207	27,514	1,014	ı	I	*	1
Sycamore	3,543	93	3,375	92	1	ı	1	1
Cottonwood	1,407	1	1,358	49	ı	ı	1	1
Aspen	2	1	2	1	1	ı	1	1
Black cherry	4,159	74	3,713	335	ı	ı	36	1
Red oak group	44,168	1,415	39,626	3,127	ı	ı	*	1
White oak group	19,619	096	17,261	1,398	1	I	1	ı
Sassafras	132	1	118	15	ı	ı	1	1
Basswood	257	ı	257	ı	1	ı	1	ı
Elm	253	ı	253	I	1	ı	ı	I
Total	151,696	4,219	138,855	8,531	-	-	92	I
All species	153,621	4,219	140,551	8,759	ı	'	92	1
						(Tahla 7a	type on poy	(0000

(Table 7a continued on next page)

(Table 7a continued)

(Table / a commused)		ΓO	LOWER WABASH UNIT	ASH UNIT			
				Sta	State of origin	The second	1
Species group	Total	Illinois	Indiana	Kentucky	Michigan	Ohio Tennessee	Wisconsin
Softwoods							
Jack pine	4	ı	4	I	ı	1	ı
Shortleaf pine	4	ı	4	1		1	1
Total	8	1	ω	ı	ı	1	I
Hardwoods							
Soft maple	4,910	856	4,054	ı	I'	1	ı
Hard maple	4,417	_	4,204	ı	ı	ı	ı
River birch	4	ı	4	ı	1	ı	ı
Hickory	7,585	1,588	5,997	ı	I	1	1
Hackberry	491	80	410	1	ı	ı	ı
Beech	1,919	199	1,720	I	I	1	1
Ash	4,580	486	4,094	ı	ı	1	1
Black walnut	1,702	54	1,648	1	I	1	ı
Sweetgum	1,391	272	1,118	ı	ı	ı	I
Yellow-poplar	20,986	1,357	19,629	ı	I	ı	ı
Tupelo	34	9	28	ı	1	ı	1
Sycamore	2,959	428	2,531	ı	1	ı	I
Cottonwood	1,614	283	(1)	ı	I	1	I
Aspen	30	9	24	1	I	1	ı
Black cherry	1,376	46	1,330	1	I	ı	I
Red oak group	27,546	2,268	25,278	1	I	1	ı
White oak group	10,284	915	698'6	1	ı	ı	i
Sassafras	508	7	202	ı	I		ı
Basswood	327	23	304	I	I	i	
Elm	513	14	200	ı	1		
Total	92,877	9,103	83,774	1	1		
All species	92,884	9,103	83,782		-		-
							1 = = = 1

(Table 7a continued on next page)

(Table 7a continued)

Outp Total Illinois Indiana Kentucky Michigan Ohio Tennessee deedar 181 -					Ü	State of origin			
deedar 181 -<	Species group	Total	Illinois	Indiana	Kentucky	Michigan		Tennessee	Wisconsin
decedar 181 -	Softwoods								
55 - 45 - 10 - 226 - 10 - 226 - 10 - 226 - 10 - 226 - 10 - 226 - 10 - 226 - 10 - 226	Eastern redcedar	181	1	∞	1	ı	1	I	I
236 - 226 - 10 - 226 - 10 - 226 - 10 - 226 - 10 - 226 - 226 - 25 5,246 6 1,647 210 - 25 5,246 6 1,647 210 25 5,246 6 1,647 210 20 20 20 20 20 20 20 20 20 20 20 20 20	White pine	55	1	45	1	10	ı	ı	1
6,740 11 4,558 - 1,942 226 7,146 25 5,246 6 1,647 210 4,260 3 2,909 - 1,184 163 5,831 2,909 - 1,184 163 1,577 - 1,137 - 387 53 1,581 23 4,072 12 1,546 172 1,260 6 1,072 6 103 1,260 6 1,072 6 103 1,260 6 1,072 6 103 1,260 6 1,072 6 103 1,260 6 1,072 6 103 1,260 6 1,072 6 103 1,260 7 5,990 41 3,891 19 1,527 101 19,136 15,811 124 2,941 602 11,955 5 1,281 - 618 47 19,567 - 365 - 20 2016etree 46 - 25 1,564 65,814 620 15,254 2,646	Total	236	-	226	1		-	-	-
e 6,740 11 4,558 - 1,942 226 7,146 25 5,246 6 1,647 210 4,260 3 2,909 - 1,184 163 505 - 424 - 52 29 I,577 - 1,137 - 23 2,909 Int 3,701 32 3,105 12 1,546 172 all 1,260 6 1,072 6 103 roup 19,136 15,607 - 601 103 group 19,136 15,801 124 2,941 602 group 19,136 156 15,301 124 2,941 602 st 12 1,955 5 1,281 - 618 686 coffeetree 46 - 25 1,048 65,814 620 15,254 2,646 85,407 764 65,814 620 15,264 2,646	Hardwoods								
e 7,146 25 5,246 6 1,647 210 4,260 3 2,909 - 1,184 163 505 - 424 - 52 29 1,577 - 1,137 - 52 29 1,577 - 1,137 - 52 29 1,570 32 3,105 19 4,50 84 1,260 6 1,072 6 103 1,260 6 1,072 6 103 1,260 6 1,072 6 103 1,260 6 1,072 6 103 1,260 6 1,072 6 103 1,260 7 5,907 - 601 103 1,260 6 1,072 6 103 1,260 7 6 1001 19,136 156 15,301 124 2,941 602 19,136 156 15,301 124 2,941 602 11 13 1 78 - 33 2 1 1 78 - 33 2 1 1,281 - 1847 19 19 19 19 19 19 19 19 19 19 19 19 19	Soft maple	6,740	11	4,558	ı		226	ı	4
4,260 3 2,909 - 1,184 163 505 - 424 - 52 29 1,577 - 1,137 - 52 29 1,577 - 1,137 - 53 53 1,577 - 1,137 - 53 53 1,577 - 1,246 1,72 84 1,72 1,260 6 1,072 6 103 72 1,260 6 1,072 6 103 72 1,260 6 1,072 6 103 72 1,260 6 1,072 6 103 72 1,260 6 1,072 6 103 72 1,260 6 1,072 6 1,527 101 1,290 41 3,891 19 1,527 101 1,2 1,2 1,527 101 101 1,2 1,485 434 1,688 686 1,1 1,2 1,2 1	Hard maple	7,146	25	5,246	9	1,647	210	ı	12
505 - 424 - 52 29 1,577 - 1,137 - 387 53 5,831 23 4,072 12 1,546 172 1 23 4,072 12 1,546 172 1 2 - 2 - - 1 2 - 2 - - 1 2 - - - - 1 2 - - - - - 1 2 - - - - - - 1 2 2 - <	Hickory	4,260	က	2,909	1		163	1	1
uut 3,577 - 1,137 - 387 53 uut 3,701 23 4,072 12 1,546 172 2 - 2 -	Hackberry	505	ı	424	ı	52	29	ı	1
but 5,831 23 4,072 12 1,546 172 1 2 - 2 -	Beech	1,577	ı	Τ,	ı	387	53	ı	1
uult 3,701 32 3,105 19 450 84 1 2 - 2 -	Ash	5,831	23	4,072	12	1,546	172	1	4
2 - 2 -	Black walnut	3,701	32	Τ,	19	450		1	12
blar 5,719 7 5,007 - 601 103 1,260 6 1,072 6 103 72 5d 2,844 - 326 75 roup 19,136 41 3,891 19 1,527 101 roup 19,136 156 15,301 124 2,941 602 group 18,167 453 14,895 434 1,688 686 st 12 - 3 - 8 - 113 1 78 - 33 2 1 78 - 33 2 1 1,281 - 618 47 567 - 365 - 184 19 567 - 26 - 20 2 567 - 26 - 20 2 85,171 764 65,814 620 15,254 2,646 85,407 764 66,040 620 15,264 2,646	Sweetgum	2	ı	7	ı	ı	ı	ı	1
50d 1,260 6 1,072 6 103 72 75 2,844 - 2,443 - 326 75 17 5,590 41 3,891 19 1,527 101 19,136 156 15,301 124 2,941 602 group 18,167 453 14,895 434 1,688 686 st - 3 - 8 - 113 1 78 - 8 - 1 1,955 5 1,281 - 618 47 567 - 365 - 20 2 567 - 265 - 20 2 567 - 265 - 20 2 85,171 764 65,814 620 15,254 2,646	Yellow-poplar	5,719	7	5,007	ı	601	103	1	1
odd 2,844 - 2,443 - 326 75 ry 5,590 41 3,891 19 1,527 101 roup 19,136 156 15,301 124 2,941 602 group 18,167 453 14,895 434 1,688 686 st 12 - 3 - 8 113 1 78 - 83 2 1 1,955 5 1,281 - 618 47 567 - 365 - 33 2 567 - 365 - 18 19 coffeetree 46 - 25 - 20 85,171 764 65,814 620 15,254 2,646 85,407 764 66,040 620 15,264 2,646	Sycamore	1,260	9	1,072	9	103	72	1	1
ry 5,590 41 3,891 19 1,527 101 roup 19,136 156 15,301 124 2,941 602 group 18,167 453 14,895 434 1,688 686 st 12 - 3 - 8 - 8 - 11,3 1 78 - 33 2 I 1,281 - 618 47 coffeetree 46 - 25 - 26 15,254 2,646 85,171 764 65,814 620 15,264 2,646	Cottonwood	2,844	1	2,443	1	326	22	1	1
roup 19,136 156 15,301 124 2,941 602 group 18,167 453 14,895 434 1,688 686 st 12 - 3 - 8 - 8 - 113 1 78 - 33 2 I 1,955 5 1,281 - 618 47 coffeetree 46 - 25 - 20 2 2 85,171 764 65,814 620 15,254 2,646	Black cherry	5,590	41	3,891	19	1,527	101	ı	12
group 18,167 453 14,895 434 1,688 686 st 12 - 3 - 8 - 113 1 78 - 33 2 1 1,955 5 1,281 - 618 47 coffeetree 46 - 25 - 20 2 coffeetree 85,171 764 65,814 620 15,254 2,646 85,407 764 66,040 620 15,264 2,646	Red oak group	19,136	156	15,301	124	2,941	602	1	12
st 12 - 3 - 8 - 113 - 113 - 113 - 33 - 8 - 113 - 113 - 114 - 115 -	White oak group	18,167	453	4,89	434	1,688	989	I	12
113 1 78 - 33 2 1,955 5 1,281 - 618 47 567 - 365 - 184 19 coffeetree 46 - 25 - 20 2 85,171 764 65,814 620 15,254 2,646 85,407 764 66,040 620 15,264 2,646	Black locust	12	1	က	1	∞	1	1	1
1 1,955 5 1,281 - 618 47 567 - 365 - 184 19 coffeetree 46 - 25 - 20 2 85,171 764 65,814 620 15,254 2,646 85,407 764 66,040 620 15,264 2,646	Sassafras	113	-		ı	33	2	ı	1
567 - 365 - 184 19 coffeetree 46 - 25 - 20 2 85,171 764 65,814 620 15,254 2,646 85,407 764 66,040 620 15,264 2,646	Basswood	1,955	2	1,281	1	618	47	1	4
coffeetree 46 - 25 - 20 2 85,171 764 65,814 620 15,254 2,646 85,407 764 66,040 620 15,264 2,646	Elm	295	1	365	1	184		1	1
85,171 764 65,814 620 15,254 2,646 85,407 764 66,040 620 15,264 2,646	Kentucky coffeetree	46	1		1	20	2	1	1
85.407 764 66.040 620 15.264 2.646	Total	85,171	764	81	620	S	2,646	1	72
	All species	85,407	764	66,040	620	15,264	2,646	1	72

(Table 7a continued)

		JU.	UPLAND FLATS UNIT	TIN ONIT				
					State of origin			
Species group	Total	Illinois	Indiana	Kentucky	Michigan	Ohio Tennessee		Wisconsin
Softwoods								
Eastern redcedar	11	1	80	က	1	_	ı	1
White pine	174	1	174	1	1	1	1	1
Virginia pine	200	1	200	1	1	1	1	I
Total	385	1	382	3	1	1	1	I
Hardwoods								
Soft maple	730	1	729	1	1	-	1	I
Hard maple	982	1	981	1	1	-	1	1
Hickory	582	1	581	1	1	-	ı	1
Beech	510	ı	510	1	1	-	ı	1
Ash	1,075	1	1,072	က	1	-	1	1
Black walnut	122	ı	117	က	1	က	1	1
Sweetgum	595	1	595	1	1	1	1	1
Yellow-poplar	4,092	1	4,050	25	ı	18	ı	1
Sycamore	407	1	406	1	1	_	ı	1
Cottonwood	320	1	320	1	1	-	ı	1
Black cherry	161	1	155	2	1	2	ı	1
Red oak group	4,183	1	4,156	13	1	15	ı	1
White oak group	1,820	1	1,812	1	1	œ	I	1
Basswood	30	1	29	1	1	1	1	1
Total	15,608	1	15,511	48	1	50	I	1
All species	15,994	1	15,894	50	1	50	1 :	1
* Lose than EOO board foot								

Less than 500 board feet.
 Table may not sum due to rounding.

Table 8.--Saw log receipts and production (International 1/4-inch rule) by species group, Indiana, 1995 and 2000

(In thousand board feet)

		ueceibis			Production	
Species group	1995	2000	Change	1995	2000	Change
Softwoods						
Eastern redcedar	989	2,107	1,421	681	1,804	1,123
Jack pine	1	2	2	1	2	5
Shortleaf pine	69	357	288	1,633	357	-1,276
Red pine	125	138	13	125	138	13
White pine	111	641	530	111	610	499
Virginia pine	i	276	276	3,128	276	-2,852
Total	991	3,524	2,533	5,678	3,190	-2,488
Hardwoods						
Soft maple	21,329	24,485	3,156	16,594	20,056	3,462
Hard maple	26,001	36,414	10,413	22,244	33,702	11,458
River birch	10	175	165	70	175	105
Yellow birch	ı	ı	ı	11		-11
Hickory	21,039	31,561	10,522	18,400	27,240	8,840
Pecan	107	276	169	110	276	166
Hackberry	1,454	1,651	197	1,187	1,429	242
Persimmon	20	*	-20	15	9	<u></u>
Beech	9,972	10,530	558	9,011	9,554	543
Ash	31,566	28,794	-2,772	26,802	25,606	-1,196
Honeylocust	*	1	*,	*	f	*.
Butternut	2	1	-2	-	1	7
Black walnut	10,611	13,594	2,983	9,554	14,027	4,473
Sweetgum	3,144	5,393	2,249	2,702	4,949	2,247
Yellow-poplar	60,375	82,154	21,779	54,723	79,272	24,549
Tupelo	160	47	-113	510	38	-472
Sycamore	10,433	11,272	839	9,532	10,275	743
Cottonwood	9,814	8,536	-1,278	9,311	7,534	-1,777
Aspen	116	44	-72	105	36	69-
Black cherry	10,730	15,574	4,844	9,101	12,674	3,573
Red oak group	107,866	131,145	23,279	96,346	121,157	24,811
White oak group	64,159	68,848	4,689	56,144	63,337	7,193
Black locust	20	16	-34	35	2	-30
Willow	5	8	-5	5	1	-5
Sassafras	1,503	628	-875	1,385	549	-836
Basswood	5,314	3,545	-1,769	4,725	2,717	-2,008
Elm	3,226	1,840	-1,386	2,966	1,852	-1,114
Kentucky coffeetree	17	64	47	23	34	1-
Total	399,024	476,587	77,563	351,613	436,498	84,885
All species	400 015	480.110	80 095	357 291	130 688	00000

^{*} Less than 500 board feet.

Table may not sum due to rounding.

Table 8a.--Saw log receipts and production (Doyle rule) by species group, Indiana, 1995 and 2000

(In thousand board feet)

		2+41000	I		2010010	
Species group	1995	2000	Change	1995	2000	Change
Softwoods						
Eastern redcedar	497	1,527	1,030	493	1,307	814
Jack pine	I	4	4	1	4	4
Shortleaf pine	20	259	209	1,183	259	-924
Red pine	91	100	6	91	100	6
White pine	80	464	384	80	442	362
Virginia pine	1	200	200	2,267	200	-2,067
Total	718	2,554	1,836	4,114	2,312	-1,802
Hardwoods						
Soft maple	15,456	17,743	2,287	12,025	14,533	2,508
Hard maple	18,841	26,387	7,546	16,119	24,422	8,303
River birch	7	127	120	51	127	92
Yellow birch	ı	1	1	∞	ı	φ.
Hickory	15,246	22,870	7,624	13,333	19,739	6,406
Pecan	78	200	122	80	200	120
Hackberry	1,054	1,197	143	860	1,035	175
Persimmon	14	*	-14	11	4	-7
Beech	7,226	7,630	404	6,530	6,923	393
Ash	22,874	20,865	-2,009	19,422	18,555	-867
Honeylocust	*	ı	*1	*	I	*1
Butternut	-	I	-	-	ı	-
Black walnut	7,689	9,851	2,162	6,923	10,164	3,241
Sweetgum	2,278	3,908	1,630	1,958	3,587	1,629
Yellow-poplar	43,750	59,532	15,782	39,654	57,444	17,790
Tupelo	116	34	-82	370	28	-342
Sycamore	7,560	8,168	809	6,907	7,446	539
Cottonwood	7,112	6,186	-926	6,747	5,459	-1,288
Aspen	84	32	-52	92	26	-50
Black cherry	7,775	11,286	3,511	6,595	9,184	2,589
Red oak group	78,164	95,033	16,869	69,816	87,795	17,979
White oak group	46,492	49,890	3,398	40,684	45,897	5,213
Black locust	36	12	-24	25	က	-22
Willow	4	I	4-	4	ı	4-
Sassafras	1,089	455	-634	1,004	398	909-
Basswood	3,851	2,569	-1,282	3,424	1,969	-1,455
Elm	2,338	1,333	-1,005	2,149	1,342	-807
Kentucky coffeetree	12	46	34	17	25	8
Total	289,148	345,353	56,205	254,792	316,303	61,511
All species	289,866	347,906	58,040	258,907	318,615	59,708

Less than 500 board feet.
 Table may not sum due to rounding.

Table 9.--Saw log production (International 1/4-inch rule) by Forest Survey Unit, species group, and destination, Indiana, 2000

(In thousand board feet)

		ı	ALL UNITS	Destination	ç	١	1
Species	Total	Indiana	Kentuckv	Michigan	OHIO	Tennessee	Other
Softwoods							
Eastern redcedar	1,804	1,804	ı	I	I	ı	I
Jack pine	2	2	1	1	1	1	I
Shortleaf pine	357	357	ı	1	I	I	I
Red pine	138	138	ı	1	I	i	I
White pine	610	610	ı	ı	1	I	I
Virginia pine	276	276	ı	1	ı	ı	1
Total ·	3,190	3,190	I	-	-		
Hardwoods							
Soft maple	20,056	19,850	ı	81	84	1	40
Hard maple	33,702	32,299	472	109	211	ı	611
River birch	175	175	ı	1	ı	ı	1
Hickory	27,240	26,129	1,040	15	56	ı	ı
Pecan	276	276	ı	1	ı	I	I
Hackberry	1,429	1,429	1	1	I	ı	I
Persimmon	9	*	9	ı	1	I	I
Beech	9,554	9,523	1	1	31	1	1
Ash	25,606	24,130	635	95	557	1	189
Black walnut	14,027	11,878	910	1	1,215	2	22
Sweetgum	4,949	4,949	1	1	I	ı	I
Yellow-poplar	79,272	77,556	1,314	1	96	1	306
Tupelo	38	38	ı	ı	I	ı	I
Sycamore	10,275	10,190	ı	ı	85	ì	I
Cottonwood	7,534	7,524	1	1	10	I	ı
Aspen	36	36	1	1	I	ı	ı
Black cherry	12,674	12,543	ı	99	15	ı	50
Red oak group	121,157	116,416	2,564	150	1,454	ı	571
White oak group	63,337	59,805	2,191	20	1,009	ı	283
Black locust	5	5	1	1	1	1	ı
Sassafras	549	549	1	1	I	1	I
Basswood	2,717	2,583	1	15	119	ı	I
Elm	1,852	1,542	293	I	17	I	ı
Kentucky coffeetree	34	34	1	ı	1	1	1
Total	436,498	419,457	9,425	582	4,959	2	2,073
All species	439,688	422,648	9,425	582	4,959	2	2,073
						(Table 9 continued on next page)	on next page)

(Table 9 continued on next page)

(Table 9 continued)

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(Table 9 confinited)			KNOBS UNIT				
				Destination	-		
	- • •	2 2 2 2 2		: :: :: :: ::	2.40	1 1 1 1	Other
Species gloup	וסומו	III MI AII A	rellucky	Michigan		aassalla l	saulunoo
Eastern redcedar	1,456	1,456	ı	1	ı	ŧ	I
Jack pine	8	2	1	1	ı	ı	ı
Shortleaf pine	327	327	į	ı	ı	1	ı
Red pine	70	70	1	ı	ı	ı	1
White pine	346	346	ı	ı	I	ı	I
Virginia pine	229	229	ı	1	ı	1	ı
Total	2,429	2,429	1	ı	I	_	1
Hardwoods							
Soft maple	6,673	6,633	ŧ	ı	ě	1	40
Hard maple	17,297	16,342	344	ı	ı	1	611
River birch	110	110	ı	ı	1	1	1
Hickory	12,478	11,871	209	ı	ı	1	1
Pecan	110	110	1	ı	ı	1	1
Hackberry	261	261	1	ı	1	1	1
Persimmon	က	*	က	ě	1	ı	1
Beech	4,326	4,326	1	1	1	1	1
Ash	10,667	10,289	189	i	I	ı	189
Black walnut	4,782	4,406	353	ě	1	*	22
Sweetgum	2,642	2,642	1	ı	1	1	1
Yellow-poplar	39,350	38,429	615	ŧ	1	ı	306
Tupelo	9	9	1	ı	I	1	1
Sycamore	4,074	4,074	1	ı	I	1	ı
Cottonwood	2,013	2,013	ı	ı	í	I	I
Aspen	9	9	1	1	1	1	1
Black cherry	4,649	4,600	1	1		1	20
Red oak group	57,462	55,520	1,371	1	1	1	571
White oak group	26,964	25,417	1,264	ı	1	ı	283
Sassafras	261	261	1	ı	1	1	1
Basswood	406	406	1	ı	1	1	1
Elm	465	327	138	-	-	1	ı
Total	195,007	188,051	4,883	Table 1	I	*	2,073
All species	197,437	190,480	4,883	1	ı	*	2,073
						(Table 9 continued on next page	on next page)

(Table 9 continued)

(Table 9 collinaed)		LOWER	ER WABASH UNIT	TINI			
		-		Destination	u.	The second	
Species group	Total	Indiana	Kentucky	Michigan	Ohio	Tennessee	Other countries
Softwoods							
Eastern redcedar	35	35	1	1	ı	ı	1
Jack pine	က	က	1		1	ı	1
Shortleaf pine	က	က	1	ı	1	1	1
Red pine	64	64	1	ı	I	1	1
White pine	92	92	1		ı	1	1
Total	181	181	ı	1	1	1	1
Hardwoods							
Soft maple	5,761	5,761	ı	ı	ı	1	1
Hard maple	6,566	6,438	128	1	ı	1	1
River birch	51	51	ı	ı	I	1	1
Hickory	9,542	9,109	433	1	ı	1	1
Pecan	166	166	ı	1	ı	ı	1
Hackberry	519	519	1	•	1	1	1
Persimmon	က	*	က	1	1	1	1
Beech	2,751	2,751	ı	1	ı	1	1
Ash	6,599	6,338	261	1	ı	ı	1
Black walnut	3,025	2,467	557		1	-	1
Sweetgum	1,623	1,623	ı	1	ı	1	ı
Yellow-poplar	24,983	24,284	669		1	1	1
Tupelo	32	32	1	ı	ı	1	1
Sycamore	3,730	3,730	1	ı	ı	ı	1
Cottonwood	1,839	1,839	1	•	ı	1	ı
Aspen	29	29	1	1	ı	ı	ı
Black cherry	1,970	1,970	ı	1	ı	ı	ı
Red oak group	33,488	32,294	1,194	1	ı	1	1
White oak group	16,106	15,179	927	1	1	1	1
Sassafras	193	193	1	ı	Ī	1	ı
Basswood	321	321	ı	ı	ı	ı	I
Elm	835	669	136	ı	ı	1	1
Total	120,133	115,794	4,338	1	ı	_	1
All species	120,313	115,975	4,338		ı	-	
						(Table 9 continued on next page)	on next page)

(Table 9 continued)

		N	NORTHERN UNIT				
				Destination	no		
							Other
Species group	lotai	Indiana	Kentucky	Michigan	Ohio	Tennessee	countries
Softwoods							
Eastern redcedar	250	250	1	1	ı	1	1
Red pine	-	-	ı	ı	I	ı	1
White pine	62	62	ı	I	1	1	1
Total	313	313	1		ı		1
Hardwoods							
Soft maple	6,748	6,583	I	81	84	ı	I
Hard maple	7,716	7,428	ı	109	180	ı	1
River birch	2	5	ı	I	I	ı	1
Hickory	4,101	4,043	I	15	43	ı	I
Hackberry	640	640	1	I	ı	1	1
Beech	1,547	1,519	ı	ı	29	ı	I
Ash	5,526	5,165	1	92	266	1	1
Black walnut	5,681	4,556	ı	ı	1,125	-	1
Sweetgum	94	94	ı	ı	1	I	1
Yellow-poplar	7,071	7,036	ı	ı	35	ı	1
Sycamore	1,752	1,700	1	I	52	1	1
Cottonwood	3,519	3,510	I	ı	6	1	1
Black cherry	5,400	5,321	ı	99	13	1	1
Red oak group	20,438	19,296	ı	150	991	1	ı
White oak group	14,547	13,840	ı	20	657	1	1
Black locust	വ	5	ı	ı	I	1	1
Sassafras	80	80	ı	ı	I	1	I
Basswood	1,905	1,782	ı	15	108	ı	ı
Elm	209	495	ı	ı	14	ı	I
Kentucky coffeetree	34	34	1	ı	ı	1	1
Total	87,318	83,131	1	582	3,604	1	1
All species	87,631	83,444	1	582	3,604	-	1
						Toble O classification	(0000 \$200

(Table 9 continued on next page)

(Table 9 continued)

(Table 9 confined)		UPL	UPLAND FLATS UNIT	F=			
				Destination	on		
Species group	Total	Indiana	Kentucky	Michigan	Ohio	Tennessee	Other countries
Softwoods							
Eastern redcedar	63	63	1	1	ı	1	1
Shortleaf pine	28	28	I	ı	ı	I	1
Red pine	က	က	1	ı	ı	1	1
White pine	126	126	ı	ı	ı	ı	1
Virginia pine	47	47	ı	1	1	1	1
Total .	267	267	1	1	ı	1	1
Hardwoods							
Soft maple	873	873	ı	ı	ı	ı	1
Hard maple	2,123	2,091	1	ı	31	1	1
River birch	6	6	ı	ı	1	1	1
Hickory	1,120	1,107	1	1	13	1	1
Hackberry	တ	6	ı	ı	ı	1	ı
Beech	930	927	1	1	Ω	1	I
Ash	2,813	2,338	184	ı	291	1	1
Black walnut	539	449	1	1	06	1	1
Sweetgum	589	589	1	1	I	ı	1
Yellow-poplar	7,867	7,806	1	1	61	1	1
Sycamore	719	989	1	1	33	1	1
Cottonwood	163	162	1	1	-	1	1
Black cherry	654	652	ı	1	2	1	I
Red oak group	9,768	9,305	1	ı	463	1	1
White oak group	5,721	5,369	ı	1	352	1	1
Sassafras	15	15	ı	ı	ı	1	1
Basswood	84	73	ı	ı	11	ı	ı
Elm	43	20	20	ı	တ	I	1
Total	34,040	32,482	204	-	1,355	1	ı
All species	34,308	32,749	204	1	1,355	1	1
* Less than 500 board feet.							

* Less than 500 board feet.

Table may not sum due to rounding.

Table 9a.--Saw log production (Doyle rule) by Forest Survey Unit, species group, and destination, Indiana, 2000

(In thousand board feet)

Specifies group Total Incliana Kentucky Michigan Ohlo Tennessee contitions Softwoods 1,307 1,307 -				ALL UNITS	Destination	uc		
twoods 1,307 1,307	Species group	Total	Indiana	Kentucky	Michigan	Ohio	Tennessee	Other countries
Eastlent redicedar 1,307 1,307 1,307 - <th< td=""><td>Softwoods</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></th<>	Softwoods							
Lack pine 4 4 4 -	Eastern redcedar	1,307	1,307	ı	ı	1	1	1
Shortlast pline 159 159 159 150	Jack pine	4	4	1	1	ı	ı	ı
Pack pine 100	Shortleaf pine	259	259	ı	I	I	ı	1
White pine 442 442 -	Red pine	100	100	ı	I	1	I	1
Virginia pine 200 200 —	White pine	442	442	I	1	ı	I	1
Trotal 2,312 2,312	Virginia pine	200	200	ı	ı	I	1	ı
Indexed solution Indexed solution<	Total	2,312		111	1	1	1	
Soft maple 14,533 14,384 - 59 61 - Hand maple 24,422 23,405 342 754 153 - Hickory 19,739 18,934 754 11 41 - Pecan 10,35 1,035 1,035 - - - - Hickory 10,35 1,286 - - - - - Pecan 1,035 1,286 - - - - - Pecan 1,035 1,7486 460 69 404 - - Ash 10,164 8,607 659 - - - - - Ash 10,164 8,607 659 - - - - - Black walnut 10,164 8,607 659 - - - - - - - - - - - - - -	Hardwoods							
Hand maple 24,422 23,405 342 79 153 – Have birch 127 –	Soft maple	14,533	14,384	1	59	61	I	29
River birch lickory 127 127 127 - <td>Hard maple</td> <td>24,422</td> <td>23,405</td> <td>342</td> <td>79</td> <td>153</td> <td>1</td> <td>443</td>	Hard maple	24,422	23,405	342	79	153	1	443
Hickory High High High High High High Hickory High Hickory High High High High High High High High	River birch	127	127	1	ı	I	ı	1
Pecan 200 200 -	Hickory	19,739	18,934	754	11	41	ı	1
Hackberry 1,035 1,035 -	Pecan	200	200	I	ı	I	1	9
Persimmon 4 * 4 -	Hackberry	1,035	1,035	1	1	ı	ı	1
Beech 6,923 6,901 — 22 — 22 — 48h Ash — 48h — — 22 — — 48h — <td>Persimmon</td> <td>4</td> <td>*</td> <td>4</td> <td>ı</td> <td>ı</td> <td>ı</td> <td>1</td>	Persimmon	4	*	4	ı	ı	ı	1
Ash 18,555 17,486 460 69 404 - Black walnut 10,164 8,607 659 - 880 1 Sweetgum 3,587 - - - - - Vellow-poplar 57,444 56,200 952 - - - Yellow-poplar 57,446 7,384 - - - - Tuple 7,446 7,384 - - - - - Cottonwood 5,459 5,452 - <	Beech	6,923	6,901	ı	1	22	ı	ı
Black walnut 10,164 8,607 659 — 880 1 Sweetgum 3,587 — — — — — Yellow-poplar 57,444 56,200 952 — — — Ze 28 — — — — — — Sycamore 7,456 7,384 —	Ash	18,555	17,486	460	69	404	ı	137
Sweetgum 3,587 3,587 -	Black walnut	10,164	8,607	629	ı	880	-	16
Veillow-poplar 57,444 56,200 952 - 70 - Tupelo 28 28 -	Sweetgum	3,587	3,587	ı	1	I	I	I
Tupelo 28 28 -<	Yellow-poplar	57,444	56,200	952	1	70	ı	222
Sycamore 7,446 7,384 - 62 - Cottonwood 5,459 5,452 - - 7 - Aspen 26 26 - - 7 - - Black cherry 9,184 9,089 - - - - - Black cherry 87,795 84,360 1,858 109 1,054 - - White oak group 45,897 43,337 1,588 36 731 - Black locust 3 3 - - - - Sassafras 398 398 - - - - - Basswood 1,969 1,872 - - - - - - Kentucky coffeetre 25 25 - - - - - - Total 316,303 303,955 6,830 422 3,593 1 1,1	Tupelo	28	28	1	ı	ı	1	1
Cottonwood 5,459 5,452 - - 7 - Aspen 26 26 - - - - - Black cherry 9,184 9,089 - - 48 11 - Black cherry 87,795 84,360 1,858 109 1,054 - White oak group 45,897 43,337 1,588 36 731 - Black locust 3 3 3 - - - - Sassafras 1,969 1,872 - - - - - Basswood 1,342 1,117 213 - - - - Kentucky coffeetree 25 25 - - - - - Total 316,303 303,955 6,830 422 3,593 1 1,	Sycamore	7,446	7,384	ı	1	62	1	1
Aspen 26 26 - </td <td>Cottonwood</td> <td>5,459</td> <td>5,452</td> <td>1,</td> <td>1</td> <td>7</td> <td>1</td> <td>1</td>	Cottonwood	5,459	5,452	1,	1	7	1	1
Black cherry 9,184 9,089 - 48 11 - Red oak group 87,795 84,360 1,858 109 1,054 - White oak group 45,897 43,337 1,588 36 731 - Black locust 398 - - - - - Sassafras 1,969 1,872 - - - - Basswood 1,342 1,117 213 - 12 - Elm 25 25 - - - - Kentucky coffeetree 25 - - - - Total 316,303 303,955 6,830 422 3,593 1 1, species 318,615 306,266 6,830 422 3,593 1 1,	Aspen	26	26	1	1	ı	ı	1
Red oak group 87,795 84,360 1,858 109 1,054 - White oak group 45,897 43,337 1,588 36 731 - Black locust 3 3 - - - - Sassafras 1,969 1,872 - - - - Basswood 1,342 1,117 213 - 12 - Elm 25 25 - - - - - Kentucky coffeetree 25 - - - - - Total 316,303 303,955 6,830 422 3,593 1 1, species 318,615 306,266 6,830 422 3,593 1 1,	Black cherry	9,184	680'6	ı	48	=======================================	ı	36
White oak group 45,897 43,337 1,588 36 731 – Black locust 3 3 – – – – – Sassafras 1,969 1,872 – – – – – Basswood 1,342 1,117 213 – 12 – Kentucky coffeetree 25 – – – – – Total 316,303 303,955 6,830 422 3,593 1 1, species 318,615 306,266 6,830 422 3,593 1 1,	Red oak group	87,795	84,360	1,858	109	1,054	ı	414
Black locust 3 3 3 - <t< td=""><td>White oak group</td><td>45,897</td><td>43,337</td><td>1,588</td><td>36</td><td>731</td><td>ı</td><td>205</td></t<>	White oak group	45,897	43,337	1,588	36	731	ı	205
Sassafras 398 398 - <	Black locust	က	က	1	1	1	1	1
Basswood 1,969 1,872 - 11 86 - Elm 1,342 1,117 213 - 12 - Kentucky coffeetree 25 25 - - - - Total 316,303 303,955 6,830 422 3,593 1 1 species 318,615 306,266 6,830 422 3,593 1 1	Sassafras	398	398	I	1	1	1	1
Elm 1,342 1,117 213 - 12 - Kentucky coffeetree 25 - - - - - Total 316,303 303,955 6,830 422 3,593 1 1 species 318,615 306,266 6,830 422 3,593 1 1	Basswood	1,969	1,872	ı	11	86	I	1
Kentucky coffeetree 25 25 -	Elm	1,342	1,117	213	ı	12	1	1
Total 316,303 303,955 6,830 422 3,593 1 1 species 318,615 306,266 6,830 422 3,593 1 1	Kentucky coffeetree	25	25	1	1	1	1	I
species 318,615 306,266 6,830 422 3,593 1	Total	316,303	303,955	6,830	422	3,593	-	1,502
		318,615	306,266	6,830	422	3,593	1	1,502

(Table 9a continued)

(Table 3a collinaed)			KNOBS UNIT				
	1			Destination	u.		
					Ì		Other
Species group	Total	Indiana	Kentucky	Michigan	Ohio	Tennessee	countries
Softwoods							
Eastern redcedar	1,055	1,055	ı	ı	ı	1	1
Jack pine	7	7	1	1	1	1	1
Shortleaf pine	237	237	I	ı	ı	1	ı
Red pine	51	51	ı	ı	1	1	1
White pine	251	251	1	ı	ı	I	I
Virginia pine	166	166	ı	1	ı	ı	1
Total	1,760	1,760	-	-		1	
Hardwoods							
Soft maple	4,836	4,807	I	ı	ı	I	29
Hard maple	12,534	11,842	249		ı	ı	443
River birch	62	62	ı	ı	ı	ı	I
Hickory	9,042	8,602	440	ı	ı	1	1
Pecan	80	80	1	ı	ı	I	1
Hackberry	189	189	1	ı	ı	ı	ı
Persimmon	2	*	2	1	ı	ı	I
Beech	3,135	3,135	ı	ı	I	ı	1
Ash	7,730	7,456	137	I	ı	1	137
Black walnut	3,465	3,193	256	ı	I	*	16
Sweetgum	1,915	1,915	1	ı	ı	I	I
Yellow-poplar	28,515	27,847	446	1	ı	ı	222
Tupelo	5	5	1	1	I	ı	ı
Sycamore	2,952	2,952	1	ı	ı	1	I
Cottonwood	1,459	1,459	ı	ı	ı	1	I
Aspen	2	5	1	1	ı	1	1
Black cherry	3,369	3,333	ı	ı	ı	ı	36
Red oak group	41,639	40,232	993	1	ı	1	414
White oak group	19,539	18,418	916	1	I	1	205
Sassafras	189	189	ı	1	ı	1	ı
Basswood	294	294	ı	ı	ı	ı	I
Elm	337	237	100	1	I	I	I
Total	141,310	136,269	3,539		1	*	1,502
All species	143,070	138,029	3,539	1		*	1,502
					Τ)	Polluituos co olde	(angut hada)

(Table 9a continued)

(Table 9a collinaed)		LOWER	WABASH	TIND			
		-		Destination	no	Spinster, or other	
Species group	Total	Indiana	Kentucky	Michigan	Ohio	Tennessee	Other countries
Softwoods							
Eastern redcedar	25	25	1	ı	1	1	1
Jack pine	2	2	1	ı	ı	ı	I
Shortleaf pine	2	2	1	ı	ı	1	1
Red pine	47	47	1	I	ı	1	I
White pine	52	55	1	1	1	ı	1
Total	131	131	-	1	1	1	1
Hardwoods							
Soft maple	4,175	4,175	ı	I	ı	1	1
Hard maple	4,758	4,665	92	ı	ı	ı	1
River birch	37	37	ı	I	ı	1	1
Hickory	6,914	6,600	314	I	ı	ı	1
Pecan	120	120	1	ı	I	ı	1
Hackberry	376	376	ı	ı	ı	ı	1
Persimmon	2	*	2	ı	1	ı	1
Beech	1,993	1,993	ı	I	ı	1	1
Ash	4,782	4,593	189	I	1	1	1
Black walnut	2,192	1,788	404	ı	1	-	1
Sweetgum	1,176	1,176	ı	I	1	1	1
Yellow-poplar	18,104	17,597	206	1	1	1	1
Tupelo	23	23	1	1	1	1	1
Sycamore	2,703	2,703	ı	1	1	1	1
Cottonwood	1,333	1,333	1	I	ı	1	1
Aspen	21	21	ı	ı	ı	1	1
Black cherry	1,428	1,428	ı	I	1	1	1
Red oak group	24,267	23,402	9	ı	1	1	1
White oak group	11,671	10,999	672	I	ı	1	I
Sassafras	140	140	1	ı	1	1	1
Basswood	233	233	1	I	I	1	I
Elm	605	202	66	-	1	1	1
Total	87,053	83,909	3,143	-	1	-	1
All species	87,184	84,040	3,143	ı	1	-	-
						Louitage 00 01407	10000

(Table 9a continued)

(Table 9a collinaca)		ON	NORTHERN UNIT				
	-1			Destination			
Species group	Total	Indiana	Kentucky	Michigan	Ohio	Tennessee	Otner countries
Softwoods							
Eastern redcedar	181	181	1	1	1	1	1
Red pine	_	_	ı	ı	ı	ı	I
White pine	45	45	1	ı	I	1	1
Total	227	227	1		1	1	
Hardwoods							
Soft maple	4,890	4,770	1	59	61	1	I
Hard maple	5,591	5,382	1	79	130	ı	ı
River birch	4	4	1	1	I	ı	1
Hickory	2,971	2,929	ı	11	31	I	ı
Hackberry	464	464	1	ı	I	I	I
Beech	1,121	1,100	1	1	21	I	1
Ash	4,005	3,743	ı	69	193	I	1
Black walnut	4,117	3,301	1	1	816	*	I
Sweetgum	89	89	ı	ı	ı	ı	1
Yellow-poplar	5,124	5,099	ı	1	25	1	1
Sycamore	1,269	1,232	1	ı	37	I	I
Cottonwood	2,550	2,543	ı	1	7	ı	ı
Black cherry	3,913	3,856	1	48	6	ı	I
Red oak group	14,810	13,983	1	109	718	ı	ı
White oak group	10,541	10,029	ı	36	476	ı	I
Black locust	က	က	ı	1	ı	I	1
Sassafras	58	58	1	ı	I	ı	I
Basswood	1,381	1,292	1	11	78	1	I
Elm	369	359	1	ı	10	Í	I
Kentucky coffeetree	25	25	1	-	1	1	ı
Total	63,274	60,240		422	2,612	-k	1
All species	63,501	60,466	1	422	2,612	*	1
						Table 9a continued on next page	on next page)

(Table 9a continued on next page)

(Table 9a continued)

	ı	UPL	UPLAND FLAIS UNII	MII Destination	u	١	
Species group	Total	Indiana	Kentucky	Michigan	Ohio	Tennessee	Other
Softwoods							
Eastern redcedar	46	46	ı	ı	1	ı	I
Shortleaf pine	20	20	ı	ı	1	1	1
Red pine	က	က	ı	ı	ı	ı	I
White pine	91	91	ı	ı	ı	ı	1
Virginia pine	34	34	1	1	ı	ı	1
Total	194	194	-		-		
Hardwoods							
Soft maple	632	632	I	ı	I	ı	ı
Hard maple	1,538	1,515	ı	I	23	ı	1
River birch	7	7	ı	1	I	ı	I
Hickory	812	802	ı	ı	10	ı	I
Hackberry	7	7	ı	ı	ı	ı	1
Beech	674	672	ı	1	2	1	1
Ash	2,039	1,694	134	ı	211	1	I
Black walnut	390	326	ı	ı	65	1	1
Sweetgum	427	427	1	ı	1	1	I
Yellow-poplar	5,701	5,657	1	1	44	ı	ı
Sycamore	521	497	1	1	24	1	1
Cottonwood	118	118	ı	1	*	1	1
Black cherry	474	472	I	I	2	1	ı
Red oak group	7,079	6,743	1	ı	335	1	1
White oak group	4,146	3,891	1	ı	255	ı	ı
Sassafras	=	1	1	1	1	1	1
Basswood	61	53	1	ı	∞	1	1
Elm	31	15	14	ı	က	1	1
Total	24,667	23,537	148	1	982	_	1
All species	24,861	23,731	148	1	982	1	1

Less than 500 board feet.
 Table may not sum due to rounding.

Table 10.--Saw log production (International 1/4-inch rule) by Forest Survey Unit, county, and species group, Indiana, 2000

(In thousand board feet)

				Species aroup	dno	-						Hardwoods	spoo	I	ı	I
Forest Survey Unit	it All	Eastern	Jack S	Shortleaf	Red	White	Virginia	Total	Soft	Hard	River				Persim-	
and county	species	redcedar	pine	pine	pine	pine	pine	softwoods	maple	maple	birch	Hickory	Pecan Ha	Hackberry	mon	Beech
Knobs Unit								1								
Brown	9,978	1	1	1	1	1	1	1	334	435	-	1,020	1	1	1	174
Clark	5,069	1	1	121	1	22	44	187	218	764	ı	31	1	1	ı	40
Crawford	10,180	299	*	*	1	17	1	316	241	1,191	*	327	1	က	*	305
Dubois	13,848	2	*	*	1	1	1	25	549	1,093	7	1,055	28	42	*	303
Floyd	2,225	105	1	1	1	23	44	172	121	104	1	8	ı	1	ı	37
Harrison	14,421	454	ı	ı	က	18	1	476	473	2,207	6	405	I	0	-	281
Jackson	16,341	-10	1	1	10	24	47	81	208	1,120	27	1,037	ı	27	ı	482
Lawrence	14,724	1	*	*	-	I	1	-	208	1,221	ო	1,276	ı	4	1	471
Monroe	10,534	1	1	ı	1	1	1	1	341	654	Ø	795	1	2	1	228
Morgan	11,417	1	1	ı	1	ı	1	1	369	792	1	851	I	1	ı	106
Orange	14,980	105	*	*	10	1	ı	126	542	1,355	7	913	28	11	ı	475
Owen	21,920	ı	I	1	1	ı	1	1	629	1,444	-	2,085	I	49	ı	322
Perry	7,033	37	*	*	1	14	ı	51	202	746	*	400	1	23	*	153
Scott	6,062	*	ı	92	က	23	47	150	349	367	6	171	1	0	ı	155
Spencer	8,783	314	*	*	11	135	1	460	296	912	7	747	28	27	2	275
Warrick	7,211	35	*	×	10	23	ı	89	254	516	7	396	28	22	*	89
Washington	22,712	105	1	128	10	25	47	314	710	2,378	27	961	1	30	ı	431
Total	197,437	1,456	2	327	20	346	229	2,429	6,673	17,297	110	12,478	110	261	3	4,326
Lower Wabash Unit	it							1								
Clay	15,230	1	1	1	1	1	1	1	595	937	1	808	I	09	ı	260
Daviess	9,360	1	*	*	10	10	1	20	582	343	7	200	28	25	ı	367
Gibson	3,313	1	*	*	11	=======================================	ı	23	278	105	7	502	28	26	1	92
Greene	17,562	1	*	*	-	1	1	-	758	1,003	4	2,264	1	11	ı	440
Knox	4,586	1	*	*	10	10	1	20	368	171	7	450	28	28	1	110
Martin	899'6	1	+	*	10	10	1	20	497	556	7	746	28	o	*	376
Parke	14,297	1	ı	1	-	1	1	-	456	806	ო	629	1	73	1	151
Pike	7,072	1	*	*	11	=	1	23	402	411	7	855	28	25	7	181
Posey	1,563	1	*	*	1	1	1	-	156	2	*	142	1	14	ı	40
Putnam	12,566	1	I	1	1	1	1	1	430	793	1	538	1	46	ı	159
Sullivan	5,513	1	×	*	1	1	1	-	380	379	*	734	ı	o	ı	235
Vanderburgh	2,553	35	*	*	11	25	1	71	205	114	7	204	28	22	-	77
Vermillion	2,664	ı	ı	ı	1	1	I	1	102	124	1	134	1	26	1	34
Vigo	14,367	1	ı	1	1	1	1	1	553	819	1	829	1	145	1	229
Total	120,313	35	3	3	64	92	1	181	5,761	6,566	51	9,542	166	519	က	2,751
														(Table 10 continued on next page	ntinued on n	ext page)

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(Table 10 commode)		1	S	Species group	dno	I	ı	l		i		Hardw	spoo		Ĭ	
Forest Survey Unit	AII	Eastern redcedar	Jack Sh	Shortleaf pine	Red	White \	Virginia	Total softwoods	Soft	Hard	River	Hickory	Pecan	Hackberry	Persim-	Beech
Northern Unit																
Adams	1,344	I	I	ı	ı	ı	ı	ı	98	88	ı	69	1	30	1	37
Allen	3,533	1	I	ı	1 '	ı	1	1 '	267	376	1 (174	1	38	I	22
Bartholomew	4,475	ı	ı	ı	_	I	ı	-	10/	281	m	302	ı	m	ı	13
Blackford	276	1 1	1 1	1 1	1 1	1 1	1 1	1 1	31	31		<u> </u>	1 1	1 1	1 1	ı t
Boone	875	1	ı	1	1	1	1	1	52	53	1	54	1	33	ı	54
Carroll	2,308	I	1	1	1	က	1	က	270	226	1	92	1	33	1	71
Cass	3,260	I	ı	ı	ı	က	ı	ო	367	289	ı	119	9	34	I	100
Clinton	879	1	I	1	ı	1	1	1	54	62	ı	56	I	33	I	20
De Kalb	4,456	1	ı	1	ı	ı	1	ı	348	222	ı	251	1	38	ı	104
Decatur	3,494	I	I	1	ı	ı	ı	1	96	216	1	118	1	7	I	106
Delaware	236	1	ı	i	ı	ı	1	1	4	13	ı	9	I	ı	ı	-
Elkhart	3,090	175	ı	ı	ı	က	1	178	347	293	-	163	1	12	ı	78
Fountain	2,902	1	ı	1	ı	က	ı	က	85	80	1	119	1	28	ı	23
Fulton	1,678	I	I	ı	I	က	ı	က	222	112	1	41	1	-	ı	18
Grant	623	1	ı	1	ı	ı	1	1	41	48	1	22	1	1 ;	1	1
Hamilton	795	1	1	1	1	1	1	1	52	53	1	20	1	33	ı	20
Hancock	340	ı	ı	ı	ı	ı	ı	ı	1 (o (1	4 (1	1 1	1	4 (
Hendricks	2,039	ı	ı	ı	I	1	1	ı	85	178	ı	110	1	7	1	10
Henry	288	1	1	1	ı	ı	1	1	D (36	1	4 1 7	ı	1 6	ı	w r
Howard	9/4	ı	I	1	I	ı	1	1	7 0 0	500	1	2,5	1	33 13	ı	56
Huntington	1,234	1	1	1	1	ı	1	1	801	203	ı	رد ر	1	S	1	24
Jasper	040	ı	I	ı	I	I	ı	ı	92	0 7	I	0	ı	l +	ı	1 +
Jay	0000	1	ı	ı	1	ı	ı	1	, t	- 901	1	1 400	ı		ı	- 6
Johnson	2,000	1	ı	1	1	l c	1	1 0	4 1 0 0	180	1	770	ı	1 4	ı	- 000
La Grande	3,000	1 0	1 1	1 1	1 1	o *		ט מ	203	717	1 1	200	1 1	n o	1 1	0 6
La Porte	1 943	2 1	1	1	ı	10	1	10	240	000	ı	202	ı	, 1	ı	000
o ye	1 054	1	ı	1	ı	<u> </u>	1	? 1	9.5	66	1	. rc	ı	ı	1	1
Madison	287	1	1	1	1	1	1	1	12	13	ı	10	1	7	ı	10
Marion	1.080	1	1	1	1	1	1	1	47	84	_	10	ı	I	1	_
Marshall	2,110	1	ı	1	ı	4	1	4	188	243	ı	75	1	19	1	24
Miami	3,321	1	ı	1	ı	က	1	က	206	565	ı	137	ı	10	ı	49
Montgomery	3,469	ı	ı	1	1	က	1	က	128	147	ı	323	1	57	1	52
Newton	647	I	ı	ı	ı	ı	ı	1	132	2	ı	4	1	ı	ı	I
Noble	3,380	1	ı	1	ı	ı	1	1	244	394	ı	169	1	20	1	29
Porter	372	I	I	1	ı	ı	1	1	11	25	ı	20	ı	1	1	I
Pulaski	1,264	1	1	1	ı	ო	1	က	170	47	ı	24	1	ı	1	I
Randolph	80	I	I	I	I	ı	ı	ı	1 8	- (ı	1 8	ı	1	ı	1 9
Hush	683	I	I	ı	ı	ı	ı	ı	73	242	ı	80 G	ı	1	ı	N C
Shelby	700	1 6	1	I	ı	ı	I	۱ ۵	, 00	30	ı	7 0	I	I 4	ı	V C
St. Joseph	1,853	22	ı	1	ı	1 0	1	22	183	727	1	822	I	n	ı	77
Stocker	2,433	1 C	ı	1	1	0	1	ט מ	101	230	1	177	1 1	٦ %	1 1	0 03
Tippecanoe	1,337	67	1 1	1 1	1 1	<		0.7	910	500	I 1	7.0	1 1	33 0	1 1	90
Tinton	868	1 1	1 1	1 1	1 1	† ı	۱ ۱	† I	25.0	64	l 1	50		0 8	. 1	20
Wabash	1.379	1	ı	I	ı	m	1	e	131	226	1	46	I	3 -	ı	32
Warren	745	1	1	1	ı	4	1	4	54	21	1	29	ı	7	1	19
Wayne	647	ı	1	1	1	1	1	1	19	45	ı	23	1	1	ı	16
Wells	274	1	1	1	1	ı	1	1	14	15	ı	10	1	10	ı	4
White	1,082	I	ı	ı	ı	က	1	က	164	29	ı	20	1	7	1	10
Whitley	2,887	1	1	1	-	က	1	0	256	307	1	151	1	18	1	55
Total	87,631	250	1	1	-	62	1	313	6,748	7.716	2	4,101	1	640	1	1,547
														(Table 10 co	ontinued on	next page)

				7											
				Species Block	2 2 2			1000	1,00	Hard	River			Persim-	
Forest Survey Unit	AII	Eastern	Jack	Jack Shortleaf	Red	White	Virginia	softwoods	Soli maple	maple	birch	Hickory	Pecan Hackberry	y mon	Beech
and county	species	redcedar	bine	auid	bille	2									
Unland Flats Unit								C	104	170	ı	79	1	1	65
200	7030	ď	ı	ı		ı	ı	2	10					1	53
Dearborn	7,00,7	o					ı	l	81	148	1	94	1		,
Favette	1,559	ı	1		ı			C	80	273	ı	112	1	1	140
Franklin	4.051	2	ı	ı	1	ı	ı	1 0	7	100	ı	67	1	I	4
1 - 66 - 10 - 10	4 405	c.	I	14	1	102	1	2	5	1 1	C	000		0	386
Jenerson	1,400) -			C	1	ı	0	197	17.1	מ	200	ı		
Jennings	13,582		ı	<u>+</u>)				15	81	1	24	ı	1	
Ohio	780	ı	ı	ı	ı	1 ;	1 1	7.4	120	182	ı	158	ı	1	150
	7 188		ı	ı	I	23	4/		201	1 0				1	
Hipiey	3,100	- (c			1	-	ı	53	25	36	ı	,			
Switzerland	835	53	ı	ı					78	86	1	78		1	80
Union	1.391	1	ı	ı			!	100	073	0 103	σ	1 120	ı	6	930
	000 00	23	ı	28	ന	126	4/	797	0/0	6,120			1	9	0 55/
lotal	34,300			7.50	7.00	610	276	3.190	20.056	33,702	175	27,240	2/6 1,429		
State total	439.688	1,804	ဂ	700	000		11.0						eldeT)	Table 10 continued on next page)	on next pag

Forest Survey, Ilait																	
	Ash	Black walnut Sweetgum	eetaum	Yellow- poplar	Tupelo Sycamore	camore	Cotton- wood	Aspen	Black	Red oak V	White oak	Black locust Sa	Sassafras Basswood	wood	Ken Elm coffe	Kentucky coffeetree ha	Total
Knobs Unit																	
Brown	333	394	06	1,652	1	239	91	I	272	3,202	1,685	1	25	32	-	1	9,978
Clark	270	06	92	924	}	33	99	1	134	1,445	745	1	4	24	1	ı	4,882
Crawford	734	116	35	1,843	*	209	3	ı	150	3,057	1,606	1	13	11	18	i	9,864
Dubois	1,042	249	279	2,914	2	385	134	-	184	3,743	1,694	1	13	21	85	1	13,823
Floyd	114	75	7.1	383	ı	10	99	1	70	521	446	1	4	24	1	1	2,052
Harrison	1,193	240	52	2,284	1	142	72	1	351	4,029	2,136	I	6	45	6	ı	13,945
Jackson	454	306	251	3,434	1	231	359	1	331	5,509	2,109	1	24	18	32	ı	16,260
Lawrence	843	355	243	2,869	2	452	116	-	272	4,414	1,615	1	က	0	46	1	14,723
Monroe	376	345	96	2,467	1	205	100	1	275	3,229	1,369	1	14	22	11	ı	10,534
Morgan	431	751	25	2,634	1	68	22	1	497	3,320	1,465	ı	37	49	-	ı	11,417
Orange	916	300	239	3,241	2	406	138	-	300	4,294	1,602	1	2	45	38	ı	14,854
Owen	1,116	784	110	5,474	I	009	156	0	450	5,835	2,618	I	58	56	101	1	21,920
Perry	520	167	131	957	*	152	29	1	181	1,925	1,323	1	15	45	14	1	6,982
Scott	231	97	269	1,358	I	256	142	ı	121	1,720	644	I	9	I	6	1	5,912
Spencer	629	117	115	1,094	٠	166	47	1	167	2,247	1,381	1	15	1	21	1	8,322
Warnick	453	09	142	1,705	*	146	112	1	71	2,137	982	1	-	1	22	1	7,143
Washington	983	337	402	4,118	1	373	362	1	823	6,836	3,547	1	18	9	56	1	22,398
Total	10,667	4,782	2,642	39,350	9	4,074	2,013	9	4,649	57,462	26,964	-	261	406	465	1	195,007
Lower Wabash Unit																	
Clay	914	316	20	3,817	-	353	154	2	305	4,672	1,846	1	7	75	09	1	15,230
Daviess	448	248	278	1,883	က	429	133	ო	124	2,639	1,019	1	-	ı	72	1	9,340
Gibson	206	24	119	422	က	159	96	ო	26	711	475	1	1	1	8	1	3,290
Greene	656	505	221	3,394	2	494	151	-	260	4,849	2,378	1	2	6	155	1	17,561
Knox	276	79	105	615	က	164	152	ო	96	1,208	688	ı	7	I	7	ı	4,566
Martin	471	229	191	1,963	က	299	103	ო	148	2,761	1,204	1	1	1	56	ı	9,648
Parke	760	492	99	4,028	I	474	305	I	218	3,984	1,595	1	82	87	86	1	14,295
Pike	535	179	211	1,110	ო	278	139	ო	66	1,676	880	1	4	1	21	I	7,049
Posey	88	11	31	178	ო	80	55	ო	11	379	366	I	1	1	*	ı	1,562
Putnam	899	497	51	3,551	-	303	160	-	314	3,663	1,223	1	46	53	29	ı	12,566
Sullivan	216	89	105	941	ო	177	64	က	80	1,283	069	ı	က	80	116	ı	5,513
Vanderburgh	179	25	69	305	က	102	89	ო	29	521	492	1	*	ı	89	ı	2,482
Vermillion	106	49	20	909	1	133	106	1	36	750	375	1	-	27	9	ı	2,664
Vigo	1,078	281	77	2,169	3	285	132	3	224	4,393	2,874	1	38	61	174	1	14,367
Total	6 500	3 005	1 603	24 003	3.0	2 720	1 000	00	1 070	22 100	16 106		102	301	925		100 122

	Total ardwoods	7	2,544	4,474	729	276	875	2,305	3,257	879	4,456	3,494	230	2 899	1.675	623	795	340	2,039	588	974	1,234	546	110	2,880	3,005	1,933	1,054	287	1,080	2,106	3,318	5,466	3,380	372	1,261	80	683	1 828	1 450	3,312	1,994	898	1,376	741	274	1,079	2,883	87,318	on next page)
1	Kentucky coffeetree h		1 4	1	1	1	ı	1	I	1	4	1	1 4	t į	ı	ı	1	1	ı	1	ı	4	1	I	۱ ۶	4 +	- 1	ı	ı	1	1	I	1 1	4	I	I	I	ı		- 1	4	1	ı	ı	ı	1 1	ı	4		10 continued o
ı	EIm c	Ç	27	က	1	ı	ı	19	42	1	51	JD ∓	- 6	7	1		1	1	ı	ო	Φ	22	ı		1 8	7.7	17	: 1	ı	ı	16	. ა	† I	32	I	ı	1 '	α α	۸ ۱	2 1	38	9	ı	21	1 0	V I	ı	59	509	(Table 1
ı	poomss	o c	9 6	7	ī	1	50	06	119	21	66	14	- 2	35	94	2	20	7	18	2	58	36	ı	1 5	n (900	000	6	10	2	09	77	00 1	92	2	20	1 1	~ c	Z C	000	73	29	50	44	10	4 C	12	79	1,905	
1	Sassafras Basswood			4	ı	1	ı	ı	-	-	_	I		4	-	. 1	ı	ı	4	ı	*	ı	ı	ı	י מ	0 5	_ - - - - -	o	· 1	ı	-	7	1 1	-	-	-	ı	ı	ן ער) -	- ഹ	' 1	ı	-k	ı	1 1	-	-	80	
1	Black Iocust Sa		1 1	ı	ı	1	ı	ı	ı	ı	ı	I	۱۰	۱ ۱	ı	ı	ı	ı	I	ı	ı	ı	ı	I	I	*	ı	ı	ı	I	ı	I	1 1	*	I	I	I	ı	۱۰	J 1	*	I	ı	ı	I	1 1	ı	ı	2	
1	White oak group	000	566	861	204	06	129	332	465	132	693	823	317	412	329	175	120	177	195	186	138	173	179	900	399	42/ 717	226	154	92	208	217	177	193	537	117	266	52	181	201	404	517	365	131	171	122	D 00	263	435	14,547	
1	Red oak Wł group	100	871	1,564	171	59	92	382	537	102	982	1,067	900	742	363	162	83	68	595	136	101	200	147	60.00	890	969	440	310	55	296	671	772	161	782	113	394	16	136	436	5000	748	329	86	223	63	75	263	009	20,438	
a po	ack erry	, and c	131	202	80	9	56	153	217	28	175	11	233	41	133) 	55	19	162	31	64	102	∞ (N F	104	301	225	147	15	99	203	526	9 6	162	31	91	5	53	175	110	150	71	62	134	17	S 00	74	211	5,400	
SpoombreH	Aspen			1	1	1	1	1	ı	1	ı	I	1 1	ı	ı	ı	1	ı	ı	ı	ı	ı	ı	ı	ı	1		ı	1	ı	ı	I	1 1	1	1	ı	I	ı		1	ı	ı	1	1	ı	1 1	1	1	1	
ı	Cotton- wood	7	6 4	21	137	8	22	219	364	52	107	36	1 09	198	177	6	52	ı	10	1	86	25	92	ı	l C	5 - 6	13) 1	12	ı	9	70	132	61	_	141	I	1	20	140	109	287	52	44	179	- 0	152	09	3,519	
1	/camore	п	7.8	40	2	14	41	47	92	37	117	∞, τ	- 5	153	20	16	37	2	80	2	48	14	- (m c	٠ ١	70	10		10	4	26	20	000	56	-	-	- !	<u>ω</u> c	2 4	-	103	72	37	30	19	_ rc	10	54	1,752	
ı	Tupelo Sycamor			1	1	1	ı	1	1	1	ı	I	1 1	1	I	ı	ı	ı	1	1	1	ı	I	I	I	1 1		ı	1	1	1	ı	l I	1	1	ı	I	ı		1	1	1	ı	1	ı	1 1	ı	1	1	
1	Yellow- poplar	100	70	694	46	4	94	110	178	73	141	244	326	604	70) -	52	18	372	7.1	20	70	ဖ ဖ	N C	223	132	144	51	12	241	133	189	200	98	20	31	2 5	80 8	136	20.00	114	130	63	75	8 C 5	70	24	100	7,071	
ı	eetgum		ł 1	13	ı	ı	ı	ı	*	1	1 5	01	ıα	50	*	1	1	ı	ı	ı	*	I	ı	I	I	1		ı	1	ı	1	0 5	† I	1	1	1	ı	1	1 1	1	1	ı	ı	*	1 1	۰ ۱	ı	1	94	
1	Black walnut Sweetgum	LI C	377	206	4	9	56	154	202	09	401	/£	ο σ α	225	89	22 (2)	55	19	197	32	64	127	α (N 0	2 - 2	- cac	62	2.3	15	62	133	258	2	364	4	36	က	50	110	64	277	111	62	128	42.0	က ထ	18	286	5,681	
ı	Ash	0	346	150	9	12	54	107	146	28	366	722	186	117	9	62	54	15	06	28	64	70	7	e 6	90.0	241	134	66	1 6	57	06	215	9	321	26	30	2	104	1 1	- rc	258	109	65	69	23	3.0	33	240	5,526	
tinued)	ey Unit	חונ		We																		_											ý									Ф							8	
Table 10 continued	Forest Survey Unit and county	Northern Unit	Adams	Bartholomew	Benton	Blackford	Boone	Carroll	Cass	Clinton	De Kalb	Decatur	Delaware	Fountain	Fulton	Grant	Hamilton	Hancock	Hendricks	Henry	Howard	Huntington	Jasper	Jay	Journson	LaGrande	La Porte	Lake	Madison	Marion	Marshall	Miami	Newton	Noble	Porter	Pulaski	Randolph	Rush	St loseph	Starke	Steuben	Tippecanoe	Tipton	Wabash	Warren	Wells	White	Whitley	Total	

(Table 10 continued)								Hardwoods	spoo								The same of the sa
Forest Survey Unit	40 4	Black	81104	Yellow-	Tupelo Sycamore	amore	Cotton- wood	Aspen	Black cherry	Red oak group	Red oak White oak group group	Black locust Sas	Black Iocust Sassafras Basswood	poomss	EIm co	Kentucky coffeetree h	Total ardwoods
and county	Yell	Paul anima		inidad													
Upland Flats Unit		1	3	H		47	C	1	78	55.8	313	ı	-	25	ı	ı	2,534
Dearborn	406	149	7	010	1	t	0		1 -	0 0	0 0		•	13	c		1.559
Favette	151	93	1	203	1	53	1	1	9/	529	301	1	- (2 9	0		000,1
Crowling Control	480	84	7	852	1	79	6	1	94	1,018	770	1	2	13	N	1	4,040
FIGURALI	1 4	7 70	. 0	1 173	1	9.5	1	1	125	1.324	588	1	2	က	-	•	4,286
Jenerson	991	10	70	1, 1, 0		1 0	7.0		177	7 750	2 155	1	C	13	32	1	13,564
Jennings	919	84	310	3,270	1	817	7/	1	+	204,4	7		0 0	C			780
OidO	21	27	1	153	ı	N	1	1	22	212	/17	1	2	2		1	0 0
	- (. ((160	1 266	1	105	71	1	86	1.454	868	1	ı	Φ	4	1	5,095
Hipiey	714	99	701	002,1		2			9 4	218	180	1	ı	_	-	1	781
Switzerland	44	13	1	506	1	2	1	1	0	017	000			U			1 301
Lloion	206	21	7	228	1	56	7	1	16	244	268		-	0			001
To the	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	530	589	7 867	1	719	163	1	654	9,768	5,721	1	15	84	43	1	34,040
Iolai	0.0.0	14 005	7 040	70 070	38	10 275	7 534	36	12.674	121.157	63,337	5	549	2,717	1,852	34	436,498
State total	23,000	14,027	4,040	77,01		2,01											
* 1 and then EOO hourd foot	100																

Less than 500 board feet.
 Table may not sum due to rounding.

Table 10a.--Saw log production (Doyle rule) by Forest Survey Unit, county, and species group, Indiana, 2000

(In thousand board feet)

				Species group	roup							Hardv	spoon			
Forest Survey Unit	AII	Eastern	Jack	Shortleaf	Red	White	Virginia	Total	Soft	Hard	River	ı		l	Persim-	
and county	speciės	redcedar	pine	pine	pine	pine	pine so	oftwoods	maple	maple	birch	Hickory	Pecan	Hackberry	uow .	Beech
Knobs Unit								1								
Brown	7,230	1	1	1	1	1	1	1	242	315	-	739	1	1	1	126
Clark	3,673	1	1	88	ı	16	32	136	158	553	ı	22	1	1	1	29
Crawford	7,377	217	*	*	1	12	1	229	175	863	*	237	1	2	*	221
Dubois	10,034	2	*	*	80	80	i	18	398	792	2	764	20	31	*	220
Floyd	1,612	92	1	1	ı	17	32	125	88	75	1	9	1	ı	1	27
Harrison	10,450	329	1	1	က	13	1	345	343	1,599	7	294	ı	7	-	203
Jackson	11,842	*		ı	80	17	34	59	368	811	20	752	1	20	ı	349
Lawrence	10,670	ı	-jk	*	_	ı	I	-	368	885	2	925	I	က	I	341
Monroe	7,633	1	1	1	1	1	1	1	247	474	Ø	929	1	4	1	165
Morgan	8,273	1	1	1	ı	ı	1	1	268	574	ı	617	ı	ı	1	77
Orange	10,855	92	*	*	7	80	1	91	393	982	Ω	662	20	80	ı	344
Owen	15,884	1	1	1	1	1	i	1	477	1,046	-	1,511	ı	36	ı	234
Perry	5,096	27	*	*	ı	10	1	37	147	540	*	290	1	17	*	111
Scott	4,393	*	1	55	ო	17	34	109	253	266	7	124	ı	7	ı	112
Spencer	6,364	227	*	*	ω	96	1	334	214	661	2	541	20	20	_	199
Warrick	5,225	25	*	*	7	17	I	20	184	374	5	287	20	16	*	65
Washington	16,458	92	1	93	80	18	34	228	515	1,723	20	969	1	22	1	313
Total	143,070	1,055	2	237	51	251	166	1,760	4,836	12,534	79	9,042	80	189	2	3,135
Lower Wabash Unit																
Clay	11,036	1	1	1	ı	ı	ı	ı	431	629	ı	584	ı	43	1	189
Daviess	6,783	ı	*	*	7	7	1	14	422	249	5	514	20	18	1	266
Gibson	2,401	1	*	*	80	80	ı	16	202	92	2	364	20	19	I	29
Greene	12,726	1	*	*	-	ı	1	-	549	727	က	1,641	ı	80	ı	319
Knox	3,323	1	*	*	7	7	1	14	266	124	Ŋ	326	20	21	I	80
Martin	7,006	1	÷	*	7	7	1	14	360	403	Ω	541	20	7	*	272
Parke	10,360	1	1	1	-	ı	1	-	331	584	2	456	1	53	ı	109
Pike	5,125	1	*	*	80	00	1	16	292	297	Ŋ	619	20	18	2	131
Posey	1,132	1	*	*	ı	ı	I	*	113	4	*	103	1	10	1	29
Putnam	9,105	1	1	ı	ı	ı	1	1	312	575	I	390	ı	33	1	115
Sullivan	3,995	1	*	*	ı	ı	1	*	275	275	*	532	1	9	1	170
Vanderburgh	1,850	25	*	*	ω	18	ı	52	148	83	5	148	20	16	*	56
Vermillion	1,931	1	1	1	ı	1	i	1	74	06	ı	26	1	19	1	25
Vigo	10,411	-	1	1	ı	1	1	1	401	593	1	601	1	105	1	166
Total	87,184	25	2	2	47	55	1	131	4,175	4,758	37	6,914	120	376	2	1,993
														(Table 10a	(Table 10a continued on next page)	next page)

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(Table 10a continued)				Specioe	and a	١	ı	ı	١			Hardw	9000		ı	I
Forest Survey Unit	All	Eastern	Jack SI	Shortleaf	Red	White	Virginia	Total	Soft	Hard	River				Persim-	
Northern Unit	shecies	redcedar	alla	allid	allid	allid	Alios aliid	SDOO	mapie	mapie	DILCII	nickory	Lecal De	acaberry		Deed
	974	1	1	I	I	ı	1	1	62	65	1	50	1	22	ı	27
Allen Rartholomew	3,560	I 1	1 1	I 1	ı -	1 1	1 1	, -	193	273	۱ ۵	126	1 1	72	1 1	10
Benton	528	I	1	1	. 1	ı	ı	1	96	4	۱,	9	ı	۱ ۱	1	e e
Blackford	200	1	I	ł	1	1	1	ı	22	23	1	10	1	1	1	1
Boone	634	1	ı	1	1	1	ı	1 (38	36	1	39	ı	24	I	39
Carroll	1,673	1	1 1	1	i	01 0	1 1	01 0	196	164	1 1	99	1 1	24	1 1	51
Clinton	637	1 1	1 1	1 1	1 1	۱ لا	1 1	7 I	98	45	1 1	40	1 1	240	1 1	36
De Kalb	3,229	1	1	1	1	ı	ı	ı	252	418	ı	182	1	28	ı	75
Decatur	2,532	I	1	1	1	1	1	1	20	156	1	85	ı	S	1	77
Delaware	171	1	I	1	1	ı	ı	ı	ဇ	6	ı	4	ı	1	1	1
Elkhart	2,239	127	I	I	1	2	1	129	251	212	-	118	ı	6	I	99
Fountain	2,103	1	ı	1	1	27 (ı	2 (59	58	ı	87	ı	20	ı	16
Fulton	1,216	I	1	I	1	7	ı	2	161	81	ı	30	ı	-	1	13
Grant	452	ı	I	1	ı	1	ı	ı	30	35	1	16	I	1 6	ı	1 6
Hamilton	576	ı	I	ı	ı	ı	ı	ı	38	3 3	ı	36	ı	24	1	36
Hancock	24/	1	ı	ı	1	1	ı	1	1 6	, 00,		n (ı	l "	ı	1 00
nendricks	1,478	I	I	I	ı	ı	ı	ı	70	621	ı	90	1	ი	ı	~ c
Howard	705		1 1	1	1 1	1 1	1 1	1 1	0 4	7 7		5 6	1 1	100	1 1	7 2
Huntington	807		1	1	1 1	1	1 1	1	7 40	177	I 1	3 4 6	1 1	7 7	1 1	17
Jasoer.	968	1 1	1 1	1 1	1 1				67	- t	1 1	4	1 1	ול	1 1	`
Jav	80	1	1	1	1	ı	1	ı	; -	· 	ı	· 1	ı	*	1	-
Johnson	2,087	1	1	1	ı	1	1	1	82	135	1	163	1	1	1	15
Kosciusko	2,180	1	ı	1	ı	2	ı	2	192	271	1	81	ı	4	ı	20
La Grange	2,960	18	I	1	I	*	ı	18	292	375	1	152	1	9	1	38
La Porte	1,408	1	1	1	1	7	ı	7	174	163	1	68	1	1	1	14
Lake	764	1	1	I	I	1	1	1	89	71	1	37	1	1	ı	1
Madison	208	1	ı	ı	ı		ı		o ;	10	1	7	ı	വ	ı	7
Marion	783	1	I	I	ı	1 4	I	1 4	34	61	-		I	1 3	ı	
Marshall	1,529	1	1	ı	1		1	ကင	136	9/1	1 1	20	1	4 6	1 1	2 9
Montgomery	2,100	1	1	ı		1 0	ı	10	n en	106		234	ı	41	1	40
Newton	469	1	1	1	1	1 1	1	ı ı	96	9 4	1	(n)	1	1	1	1
Noble	2,449	1	1	1	I	1	I	1	177	285	1	122	ı	15	1	43
Porter	270	1	1	1	1	1	1	1	8	18	1	14	1	ı	1	1
Pulaski	916	1	I	I	I	2	I	7	123	34	ı	17	ı	ı	1	1
Handolph	80	ı	I	ı	1	ı	ı	ı	1 5	- 0	ı	1 6	1	ı	ı	1 9
Shelby	4 9 9 5 C 8 A	1 1	1 1	1 1	1 1	1 1	1 1	1 1	<u> </u>	33		0.7	1 1	1 1	1 1	7 6
St. Joseph	1 343	α α	1	1	1		l 1	- 82	132	165	ı	9	ı	4	ı	16
Starke	1.053	2 1	ı	I	ı	2	ı	2 01	131	51	1	9 c	1	1	1	2 1
Steuben	2,418	18	1	1	1	ı	ı	18	202	246	1	126	ı	22	1	67
Tippecanoe	1,448	ſ	1	1	1	က	1	က	156	53	1	52	1	24	I	44
Tipton	629	1	I	I	I	ı	ı	ı	38	47	ı	36	1	24	1	36
Wabash	666	ı	I	1	1	0 0	1	0 0	95	164	ı	33	1	- u	1	24
Warren	240	1	ı	I	ı	n	I	n	υ, τ υ 4	9 0	I	- V	ı	ი	ı	4 0
wayne	469	1	1	I	ı	ı	I	ı	4 0	333	ı	16	1	۱ ۱	\$	2 %
Weils	784	1 1	1 1	1 1	1 1	۱ ٥	1 1	١٥	110	2 - 2		14		~ K	1 1	2
Whitley	2.092	1	ı	1	1	1 (1		1 (1	185	222	1	110	1	. t	1	40
Total	63,501	181	1	1	-	45	1	227	4,890	5,591	4	2,971	_	464	_	1,121
														(Table 10a α	(Table 10a continued on next page	ext page)

(Table 10a continued)				and acidea	dia							Hardwoods	spoo		i	ħ
				apecies di	1	WILL SA	Visialis i	I C + C +	300	Hard	River			Pe	Persim-	
Forest Survey Unit	All	Eastern	Jack	Jack Shortleat	Red pine	wnite	Virginia pine sof	2	maple	maple	birch	Hickory	Pecan Hackberry		н	Beech
and county	species	ובחרבחשו	2	21112												
Upland Flats Unit								(7.1	0		7.7		1	ı	47
Doorborn	1 830	0	1	1		1		2	(2)	123	1	10				- 0
Dealboin	00,7	,		1	1	ı	-	ı	59	107	1	89		ı	ı	38
Fayette	1,130	1	1					c	7.1	108	1	8	ı	1	1	106
Franklin	2.935	N	1	-	ı	1		7	- /	061		5 .				20
I TOTAL MAINT		C		10	1	74	1	87	104	297	1	48	1	ı	ı	0
Jefferson	3,192	ο.			c			7	142	526	7	364	1	7	1	280
Jennings	9,842	-	ı	2	0	1		2	7			17	1	1	1	1
0.40	288	1	1	1	1	1	ı		=	28	ı	-				
Oulo	300					17	34	52	96	132	1	115		1	ı	109
Hipley	3,744	- ;	1			*		30	α	96	ı	2	1	1	1	-
Switzerland	909	38	ı		ı		1	0	- 1	1 1		2	1		1	85
1 Injour	1 008	ı	1	1	1	1	1	1	90	-	-	00				100
	100,00	31		00	c	91	34	194	632	1,538	7	812	1	,	-	0/4
lotal	24,001	t		210		0.4.4	000	0 210	17 533	24 422	127	19.739	200	1,035	4	6,923
State total	318,615	1,307	4	259	100	7445	200	210,2	000,41	JJ + ' + J			l			
													(Tat	(Table 10a continued on next page)	nued on ne	kt page)

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Hardwoods Black Yellow- Cotton- Black Red oak White oak Ash walnut Sweetgum poplar Tupelo Sycamore wood Aspen cherry group group	Hardwoods Yellow- Black poplar Tupelo Sycamore wood Aspen cherry	Hardwoods - Cotton- Black r Tupelo Sycamore wood Aspen cherry	Hardwoods Cotton- Black re wood Aspen cherry	Hardwoods Cotton- Black re wood Aspen cherry	Hardwoods Black Aspen cherry	ack	Red oak Whi group	E	ite oak group	Black locust Sas	Black locust Sassafras Basswood	ᇤ	Kentucky coffeetree ha	Total
285 65 1.197 – 173 66 – 197	65 1.197 – 173 66 – 197	- 173 66 - 197	- 197	- 197	- 197		2.320		1.221	1	18 23	-	ı	7.5
- 24 48 - 97	69 669 - 24 48 - 97	- 24 48 - 97	48 – 97	48 – 97	- 97		1,04	7	540	1	3 17	1	ı	3,537
84 25 1,336 * 152 2 - 109	25 1,336 * 152 2 - 109	* 152 2 - 109	2 - 109	2 - 109	- 109		7,	215	1,164	1	10 8	13	1	7,14
181 202 2,112 1 279 97 1 133	202 2,112 1 279 97 1 133	1 279 97 1 133	97 1 133	97 1 133	1 133			2,712	1,227	I	10 15	61	1	10,01
54 51 277 – 7 48 –	51 277 – 7 48 –	- 7 48 -	48 –	48 –	I	51		378	323	ı	3 17	1	1	1,48
174 38 1,655 – 103 52 –	38 1,655 – 103 52 –	- 103 52 -	52 –	52 –	1	254		2,919	1,548	1	7 32		1	10,10
221 182 2,489 – 167 260 –	182 2,489 – 167 260 –	- 167 260 -	260 -	260 -	ı	240		3,992	1,528	ı	18	24	1	11,78
2,079 1 328 84 1	176 2,079 1 328 84 1	1 328 84 1	84 1	84 1	-	197		3,199	1,170	ı			I	10,669
250 70 1,788 – 149 72 –	70 1,788 – 149 72 –	- 149 72 -	72 –	72 –	ı	200		2,340	992	ı		00	1	7,633
544 18 1,909 – 49 16 –	18 1,909 – 49 16 –	- 49 16 -	16	16	I	360		2,405	1,061	I	27 36		ì	8,273
217 173 2,349 1 294 100 1	173 2,349 1 294 100 1	1 294 100 1	100	100	-	217		3,112	1,161	ı		28	1	10,764
568 80 3,966 – 435 113 2	80 3,966 – 435 113 2	- 435 113 2	113 2	113 2	2	326		4,228	1,897	ı	42 41		1	15,884
121 95 693 * 110 21 -	95 693 * 110 21 -	* 110 21 -	21 –	21 –	ı	131		1,395	928	ı	11 32	10	I	5,059
70 195 984 – 186 103 –	984 – 186 103 –	- 186 103 -	103 –	103 –	1	87		1,247	466	1	4	7	1	4,284
793 * 120 34 -	793 * 120 34 -	* 120 34 -	34 –	34 –	ı	121		1,628	1,001	ı	- 11	15	ı	6,031
1,235 * 106 81 -	103 1,235 * 106 81 -	* 106 81 -	- 18	- 18	1	51		1,549	711	1	-	16	ı	5,176
291 2,984 – 270 262 –	291 2,984 – 270 262 –	- 270 262 -	262 -	262 -	1	596		4,954	2,570	1			1	16,230
5 2,952 1,459 5 3	1,915 28,515 5 2,952 1,459 5 3	5 2,952 1,459 5 3	2,952 1,459 5 3	52 1,459 5 3	5 3	3,369		41,639	19,539	1	189 294	337	1	141,310
229 37 2,766 1 256 112 1	37 2,766 1 256 112 1	1 256 112 1	112 1	112 1	-	221		3,386	1,338	1	5 54	43	I	11,036
201 1,365 2 311 97 2	201 1,365 2 311 97 2	2 311 97 2	97 2	97 2	2	6	0	1,912	738	ı	-		ı	6,768
17 86 306 2 115 69 2	86 306 2 115 69 2	2 115 69 2	69 2	69 2	2	=	6	516	344	ı	1	9	1	2,384
366 160 2,460 1 358 110 1	160 2,460 1 358 110 1	1 358 110 1	110 1	110 1	_	18	8	3,513	1,723	ı	3	112	I	12,725
58 76 446 2 119 110 2	76 446 2 119 110 2	2 119 110 2	110 2	110 2	2	7	0	875	499	ı	5	2	1	3,308
166 138 1,423 2 217 74 2	138 1,423 2 217 74 2	2 217 74 2	74 2	74 2	2	10	7	2,001	872	1	-	40	1	6,991
48 2,919 - 344 221 -	48 2,919 - 344 221 -	- 344 221 -	44 221 –	44 221 –	1	158	~	2,887	1,156	ı	59 63		ı	10,359
130 153 805 2 201 101 2	153 805 2 201 101 2	2 201 101 2	01 101 2	01 101 2	2	71		1,215	638	1	_ا		1	5,108
8 23 129 2 58 40 2	23 129 2 58 40 2	2 58 40 2	40 2	40 2	2	80		274	265	1	1	*	ı	1,132
360 37 2,573 1 220 116 1	37 2,573 1 220 116 1	1 220 116 1	116 1	116 1	-	227		2,654	887	1	33 39		ı	9,105
46 2	76 682 2 128 46 2	2 128 46 2	46 2	46 2	2	58		929	200	1	2 6	84	1	3,995
18 50 221 2 74 64 2	50 221 2 74 64 2	2 74 64 2	64 2	64 2	2	21		378	356	1	*		ı	1,799
35 36 439 -	36 439 - 97 77 -	- 77 79 -	- 22	- 22	1	26		543	272	1	1 20	4	1	1,931
1,571 2 207 95 2	56 1,571 2 207 95 2	2 207 95 2	07 95 2	07 95 2	2	163		3,183	2,083	1	28 44		1	10,411
2,192 1,176 18,104 23 2,703 1,333 21 1	1,176 18,104 23 2,703 1,333 21 1	23 2,703 1,333 21 1	03 1,333 21 1	03 1,333 21 1	21 1	1,428		24,267	11,671	1			1	87,053

orest Survey Unit ————————————————————————————————————							Hardwo	spoc				
walnut Sweetgum poplar Tupelo Sycamore wood Aspen cherty group group locust Sassafras Basswood	Forest Survey Unit		Black	Yellow-		Cotton-		Black	Red oak White o	Ų		Kentı
	and county	Ash	walnut Sweetgum	poplar	Tupelo Sycamore	poom	Aspen	cherry	group grou	ip locusi	-	d Elm coffeetr

Table Toa commisce	-	1000000		A				Hardwoods	spo								
Forest Survey Unit	Ash	Black walnut Sweetgum	weetaum	Yellow- poplar	Tupelo Svcam	camore	Cotton- wood	Aspen	Black	Red oak White oak	hite oak aroup	Black locust Sa	ssafras B	asswood	Ke Elm cof	Kentucky offeetree ha	Total
Northern Unit																	
Adams	96	47	1	20	1	39	32	1	18	262	203	ı	1	26	7	1	974
Allen	250	273	1	51	ı	22	49	1	92	631	410		1	63	19	ო	2,560
Bartholomew	109	150	10	503	1	59	16	1	146	1,133	624	ı	က	2	2	ı	3,242
Benton	4 (က၊	1	ဗ	ı	4 ;	66	1	10	124	148	ı	ı	t	ı	I	528
Blackford	ဘ ဗ	ນ ເ	1	ლ (ı	10	Φ.	I	Ω <u>τ</u>	24 c	65	ı	1	1 6	ı	ı	200
Boone	3 3	4 ,	ı	89 6	ı	30	4 1	1	4 +	/9	400	ı	ı	98	1 7	ı	634
Carroll	8/ 7	111	l *	300	I	45 n	159	ı	1 57	7/7	240	ı	. •	60	. c	I	1,670
Cass	007	0 4 6	: 1	67 L	1 1	000	707 38		42	200	755	1 1		37		1 1	2,300
Name of the Name o	246	201		100			78		127	711	502	. 1		70	37	l ("	3 220
Decatil	186	20	α	394	1	56	0 0	ı	7 12	773	596	. 1	- 1	10	5	ا ر	0,530
Delaware	14	. 9)	200	1		ì	ı	0 00	84	22.02	1	1	-	-	1	171
Fikhart	121	64	9	236	ı	44	50	ı	169	456	230	-	יכי	. r.	23	œ	2,110
Fountain	85	163	21	438	ı	11	144	1	30	537	299	. 1	o (С)	25	2 2)	2,101
Fulton	45	49	*	51	1	15	129	i	96	263	239	ı	-	34	0	1	1.214
Grant	45	40	1	00	ı	Ξ	9	1	6	117	127	ı	1	2	0	1	452
Hamilton	39	40	1	38	1	27	38	I	40	09	87	ı	ı	36	1	1	576
Hancock	=======================================	14	ı	13	1	2	1	1	14	49	128	1	1	2	1	1	247
Hendricks	65	143	1	269	ı	9	7	I	117	431	141	I	က	13	1	1	1,478
Henry	42	25	1	51	1	2	ı	1	22	86	135	ı	ı	ო	2	1	426
Howard	46	46	*	20	1	35	62	ı	46	73	100	ı	*	42	2	t	705
Huntington	51	92	1	51	1	10	18	1	74	145	125	t	1	26	16	ო	894
Jasper	5	2	I	4	1	-	29	1	9	107	130	1	1	I	1	ı	396
Jay	N	7	1	-	1	2	1	1	2	21	47	1	1	1	1	ı	80
Johnson	79	137	I	405	ı	2	1	1	119	645	289	1	7	10	ı	ı	2,087
Kosciusko	174	225	1	96	1	ω	0	ı	216	503	309	1	က	48	16	က	2,177
La Grange	266	277	ı	128	1	24	22	ı	218	655	372	*	7	78	30	-	2,942
La Porte	97	22	1	104		7	თ	ı	163	319	164	ı	ო	45	12	ı	1,401
Lake	72	15	I	37	ı	, 	1	ı	106	224	112	ı	7	14	ı	ı	764
Madison	10	= :	I	o !	ı	Φ,	0	1	- :	40	67	ı	ı	7	ı	ı	208
Marion	42	45	1	175	ı	ო	1	ı	48	215	151	1	ı	2	Ι,	ı	783
Marshall	65	96	1.	26	ı	9	4 :	i	147	486	158	ı	-	43	- :	ı	1,526
Miami	156	18/	-!	13/	ı	36	20	ı	381	559	128	ı	-	56	10	ı	2,404
Montgomery	132	121	17	420	ı	120	110	ı	64	604	347		ı	28	က	ı	2,512
Newton	4	2	I	თ ;	ı	- (96	1	2	117	140	L	1 '	1	1 (1 4	469
Noble	233	264	1	ς :	1	40	44	ı	118	299	389	ĸ		22	23	m	2,449
Porter	19	m (ı	14	ı	- ,	- 0	ı	23	82	82	ı	- ,	- ;	ı	94	270
Pulaski	87	92	1	22	ı		201	ı	90	780	56.	ı	_	-	ı	ı	8 8
Randolphi	75	N 7	ľ	7 7	ı	- c	ı	ı	V T	7 00	000	ı	1	l (1 c	ı	300
Shelby	2 0	† <u>~</u>	B 1	- 4	1 1	2 0			1 -	127	200	1 1		0 0	40	1 1	1 0 0 0
St losenh	200	+ C	1	0 0		10	8	1	127	316	160	-	c:	3 6	11	-	1 325
Starke	37	31	ı	0 00	ı	-	101	1	83	239	293	. 1	-	41	. 1	. 1	1.051
Steuben	187	201	1	83	ı	75	79	1	109	542	374	*	4	53	28	က	2,400
Tippecanoe	79	81	1	94	ı	52	208	1	51	239	264	I	ı	42	2	ı	1,445
Tipton	47	45	1	46	ı	27	38	1	45	71	92	1	1	36	1	ı	629
Wabash	20	93	*	54	ı	22	32	ı	97	162	124	\$	*	32	15	ı	266
Warren	21	18	1	71	ı	49	130	ı	13	46	89	1	ı	7	1	ı	537
Wayne	40	25	വ	45	1	12	Ω.	1	21	92	144	ı	ı	ი ი	-	ı	469
Weils	N C	ο ς	ı	1 1	ı	თ თ	- (ı	9 0	40,	200	ı	1 3	• (ı	ı	199
White	17.4	13	I	7.1	ı	α ς	110	ı	53	190	181	ı		1 00	1 6	۱۹	787
Total	4 005	4 117	68	5 124		1 269	2 550	1	3 9 13	14 810	10 541	ı oʻ	- ac	1381	369	25	
))			,,	1	8	2				>		(Table 10a continued on next page	ontinued on	next page)

							Hardwoods	Spoo							ا	
Forest Survey Unit	li l	Black		Yellow-	N.	Cotton-			Œ	hite oak	Black			Kentucky	ky	Total
and county	Ash	walnut Sweetgum	eetgum	poplar	Tupelo Sycamore	poom	Aspen	cherry	group	group	locust Sa	ocust Sassafras Basswood	۱	Elm correerree	ee naro	Moods
Upland Flats Unit												,				4 007
Dearborn	295	108	12	373	- 34	2	1	22	404	227	1		8	-	ı	1,83,
Favorto	109	46	1	147	68 -	1	1	55	188	262	1	_	0	2	1	1,130
Franklin	200	9 - 6	ıc	617	- 57	7	1	68	737	558	1	-	6	2	1	2,933
Deforces	100	14	08	850	1	1	1	06	959	426	1	-	2	-	1	3,106
Conjoco	02-	1 4	224	2320	- 202	52	1	103	3,226	1,562	1	2	10	23	1	9,829
Serinings Object	200	- 61	1	111		ı	1	16	153	157	1	2	2	1	I	566
Dinlo	298	90	118	917	9/ -	52	1	62	1,054	629	1	1	9	က	I	3,692
Switzerland	067	10	2 1	149	- 2	1	1	12	180	130	I	1	-	-	1	266
Union	149	- -	LC:	166	- 40	2	1	12	177	194	1	-	က	1	1	1,008
Total	2.039	390	427	5,701	- 521	118	1	474	7,079	4,146	-			31		24,667
State total	18,555	10,164	3,587	57,444	28 7,446	5,459	26	9,184	87,795	45,897	3	398 1,	1,969 1	1,342	25	316,303
* Less than 500 board feet	feet.															
Table may not sum due to rounding	to rounding															
العصو اللعة ببحد دحدد																

Table 11.--Veneer log and bolt receipts (International 1/4-inch rule) by species group and State of origin, Indiana, 2000

(In thousand board feet)

A PERSONAL PROPERTY AND ADDRESS OF THE PERSONAL			I	l	5	State of origin	origin			ĺ	
Species group	Total	Illinois	Indiana	lowa	Kentucky	Michigan	Missouri	Ohio	Wisconsin (Other U.S.	Canada
Softwoods											
Shortleaf pine	23	1	1	1	1	1	1	1	I	23	ı
Virginia pine	46	1	1	ı	1	-	í	1	1	46	1
Total	68	1	1	1	1	1	1	1	1	68	1
Hardwoods											
Soft maple	612	48	374	က	58	06	2	15	ı	23	1
Hard maple	4,351	54	933	149	458	1,174	44	316	09	1,058	104
Paper birch	62	ı	2	I	2	34	ı	N	34	4	I
River birch	25	1	1	1	1	25	1	I	1	ı	1
Hickory	762	11	142	11	230	91	11	97	I	169	1
Pecan	91	13	25	ı	25	1	6	I	I	19	1
Beech	64	1	32	I	I	1	1	1	32	I	I
Ash	428	1	77	30	116	09	21	43	21	62	1
Black walnut	3,125	30	554	374	457	340	69	258	26	872	115
Sweetgum	547	55	438	I	55	I	I	I	I	I	I
Yellow-poplar	973	63	601	I	143	49	12	21	ı	84	I
Sycamore	941	95	752	I	93	1	1	1	1	I	1
Black cherry	7,323	23	614	221	523	346	89	364	132	4,865	166
Red oak group	6,012	22	2,170	151	1,073	1,033	83	289	48	1,084	58
White oak group	6,570	31	2,585	450	1,031	554	236	265	65	1,268	84
Elm	92	2	1	လ	22	28	-	15	ı	23	1
Total	31,996	446	9,300	1,391	4,286	3,824	558	1,685	448	9,531	527
All species	32,065	446	9,300	1,391	4,286	3,824	558	1,685	448	009'6	527

States included: Georgia, Maryland, Mississippi, New York, Pennsylvania, Tennessee, Vermont, and West Virginia. Table may not sum due to rounding.

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Table 11a.--Veneer log and bolt receipts (Doyle rule) by species group and State of origin, Indiana, 2000

(In thousand board feet)

						State of origin	origin				
Species group	Total	Illinois	Indiana	lowa	Kentucky	Michigan	Missouri	Ohio	Wisconsin	Other U.S.	Canada
Softwoods											
Shortleaf pine	20	I	ı	1	1	I	ı	ı	I	20	I
Virginia pine	40	1	-	ı	1	1	-	-	1	40	
Total	09	ı	1	1	ı	1	1	ı	I	09	1
Hardwoods											
Soft maple	537	42	328	က	51	79	2	13	ı	20	I
Hard maple	3,817	47	819	131	402	1,030	39	277	53	928	92
Paper birch	69	ı	2	ı	2	30	1	2	30	4	ı
River birch	22	ı	1	ı	ı	22	1	1	1	1	l
Hickory	899	10	125	0	202	79	10	85	1	148	1
Pecan	80	12	22	1	22	ı	80	1	ı	17	ı
Beech	56	I	28	ı	ı	ı	1	ı	28	I	1
Ash	375	ı	99	26	102	52	18	38	18	54	1
Black walnut	2,741	26	486	328	401	298	09	227	20	765	101
Sweetgum	480	48	384	ı	48	1	1	1	1	1	ı
Yellow-poplar	853	55	527	ı	126	43	11	18	ı	74	I
Sycamore	825	83	099	1	82	1	1	ı	ı	ı	I
Black cherry	6,423	21	538	194	459	303	09	319	116	4,268	146
Red oak group	5,273	20	1,904	132	941	906	73	254	42	951	51
White oak group	5,763	27	2,268	395	904	486	207	233	22	1,112	73
Elm	83	-	ı	က	20	25	-	13	_	20	•
Total	28,067	391	8,157	1,220	3,759	3,355	489	1,478	393	8,361	463
All species	28,127	391	8,157	1,220	3,759	3,355	489	1,478	393	8,421	463

¹ States included: Georgia, Maryland, Mississippi, New York, Pennsylvania, Tennessee, Vermont, and West Virginia.

Table may not sum due to rounding.

Table 12.--Veneer log and bolt production (International 1/4-inch rule) by species group, Indiana, 1966, 1976, 1984, 1990, 1995, and 2000

(In thousand board feet)

						-
Species group	1966	1976	1984	1990	1995	2000
Soft maple	36	266	314	200	553	477
Hard maple	1,080	273	234	1,895	1,484	3,025
Pecan	732	354	231	298	252	26
Ash	381	609	461	640	898	120
Black walnut	6,412	3,426	2,889	3,472	1,784	1,165
Sweetgum	502	386	165	165	643	438
Yellow-poplar	2,469	1,242	565	761	1,414	642
Svcamore	565	525	330	271	1,379	752
Cottonwood	1,129	899	383	464	171	34
Black cherry	140	66	34	708	1,859	276
Red oak group	429	1,683	3,184	2,620	3,019	3,451
White oak group	1,681	5,428	4,968	4,549	6,133	4,249
Basswood	2	15	16	∞	8	ı
Other hardwoods	205	9	382	693	355	258
Pine	1	ı	21	21	1	ı
Total	15,763	14,980	14,177	16,765	19,920	15,413

Table may not sum due to rounding.

Table 12a.--Veneer log and bolt production (Doyle rule) by species group, Indiana, 1966, 1976, 1984, 1990, 1995, and 2000

(In thousand board feet)

Species group	1966	1976	1984	1990	1995	2000
Soft maple	32	233	275	175	485	418
Hard maple	947	239	205	1,662	1,302	2,654
Pecan	642	311	203	261	221	23
Ash	334	534	404	561	761	106
Black walnut	5,625	3,005	2,534	3,046	1,565	1,022
Sweetgum	440	339	145	145	564	384
Yellow-poplar	2,166	1,089	496	899	1,240	563
Sycamore	496	461	289	238	1,210	099
Cottonwood	066	586	336	407	150	30
Black cherry	123	87	30	621	1,631	089
Red oak group	376	1,476	2,793	2,298	2,648	3,027
White oak group	1,475	4,761	4,358	3,990	5,380	3,727
Basswood	2	13	14	7	7	1
Other hardwoods	180	5	335	809	311	227
Pine		ı	18	18	1	1
Total	13,827	13,140	12,436	14,706	17,474	13,520

Table may not sum due to rounding.

Table 13.--Veneer log and bolt production (International 1/4-inch rule) by Forest Survey Unit, species group, and destination, Indiana, 2000

(In thousand board feet)

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							Destination					i
Species group	Total	Illinois	Indiana	lowa Ker	a Kentucky M	Michigan	Missouri	Ohio .	Tennessee Wisconsin	/isconsin	Canada co	Other countries
Soft maple	477	1	374	1	ı	1	ı	ı	1	103	1	1
Hard maple	3,025	ı	933	ı	16	499	1	195	111	1,254	6	7
Paper birch	2	1	2	ı	I	I	ı	1	I	1	1	1
Hickory	189	1	142	1	10	1	1	1	80	30	1	1
Pecan	26	1)	25	I	I	1	ı	1	1	1	-	1
Beech	32	1	32	1	1	1	1	1	1	ı	1	ı
Ash	120	ı	77	ı	1	ı	1	18	16	I	2	7
Black walnut	1,165	ı	554	ı	2	6	12	140	79	I	207	161
Sweetgum	438	1	438	1)	1	1	1	1	1	T)	1	1
Yellow-poplar	642	ı	601	29	13	1	1	1	ı	1	ı	ı
Sycamore	752	ı	752	ı	1	ı	ı	1	1	1	1	1
Cottonwood	34	ı	ı	ı	1	34	i	ı	1	i	ı	1
Black cherry	922	ı	614	ı	-	62	ı	80	62	I	2	1
Red oak group	3,451	ı	2,170	ı	175	253	25	242	79	114	349	43
White oak group	4,249	22	2,585	ı	103	90	237	431	465	I	209	72
Elm	35	1	1	1	1	1	1	1	1	1	35	1
Total	15,413	22	9,300	29	330	947	274	1,034	836	1,500	815	291
					KNOBS	LINO						
Soft maple	148	1	106					1		42	1	ı
Hard maple	1,964	ı	069	ı	16	1	ı	1	103	1,140	0	9
Paper birch	2	1	2	ı	ı	ı	1	ı	1	ı	ı	ı
Hickory	142	ı	122	1	4	1	ı	ı	က	14	1	1
Pecan	24	1	24	ı	1	I	1	1	1	1	1	1
Beech	32	ı	32	ı	ı	ı	ı	ı	ı	ı	ı	1
Ash	91	ı	73	ı	ı	I	ı	ı	10	ı	-	9
Black walnut	647	ı	336	ı		I	∞	1	51	1	134	117
Sweetgum	124	1	124	1	1	1	•	1	1	1	1	1
Yellow-poplar	277	1	258	13	9	ı	1	1	ı	ı	ı	1
Sycamore	214	ı	214	ı	1	1	ı	1	1	ı	1	1
Black cherry	485	1	413	1	6	I	ı	ı	61	I	2	1
Red oak group	1,586	1	854	1	167	1	24	1	75	102	333	31
White oak group	2,992	ı	1,969	ı	86	ı	225	ı	456	ı	198	46
ᇤ	14	1	1	1	1	I	ı	ı	1	ı	14	1
Total	8,743	1	5,216	13	302	ı	256	1	260	1,299	691	206
										(Table 13	(Table 13 continued on next page)	ext page)

(Table 13 continued)

	Destination
_	
LOWER	

							Destillation					100
Species group	Total	Illinois	Indiana		Kentucky ∧	Michigan	Missouri	Ohio T	Tennessee Wisconsin	/isconsin	Canada co	countries
Soft maple	328	1	268			1	1			09		1
Hard maple	114	I	114	ı	1	1	ı	ı	1	1	1	1
Hickory	30	1	8	ı	9	1	ı	ı	2	1	1	ı
Pecan	_	ı	ı	ı	ı	ı	ı	ı	1	I	_	ı
Ash	က	1	-	1	ı	I	ı	ı	2	ı	-k	ı
Black walnut	104	ı	43	ı	*	ı	2	ı	13	I	35	11
Sweetgum	314	1	314	ı	ı	1	1	1	1	ı	1	ı
Yellow-poplar	357	1	335	15	7	ı	1	1	I	ı	1	I
Sycamore	538	1	538	1	ı	I	ı	ı	1	ı	ı	1
Black cherry	28	ı	28	ı	ı	ı	1	ı	ı	ı	ı	I
Red oak group	538	1	527	ı	80	1	ı	1	1	က	1	1
White oak group	303	22	234	ı	I	1	ı	I ¹	ı	1	ı	-
Elm	14	1	1	1	1	1	1	1	1	1	14	1
Total	2,672	57	2,409	15	21	1	2	1	20	75	20	23
					NORTHERN	_						
Hard maple	006	I	103	ı	1	499	ı	174	7	114	1	-
Paper birch	*	1	*	ı	1	1	ı	1	1	I	ı	1
Hickory	4	ı	6	1	ı	1	ı	1	-	4	1	1
Pecan	-	1	-	ı	1	1	ı	1	I	1	ı	1
Ash	10	1	-	1	ı	ı	ı	7	-	1	*	-
Black walnut	293	1	158	ı	ı	6	-	62	80	ı	21	32
Yellow-poplar	4	I	4	ı	ı	I	ı	ı	1	I	I	ı
Cottonwood	34	ı	ı	1	ı	34	ı	ı	ı	I	ı	1
Black cherry	228	ı	154	ı	ı	62	I	က	8	I	*	1
Red oak group	959	1	511	ı	ı	253	-	165	4	9	16	က
White oak group	636	1	219	1	ı	90	12	281	တ	I	11	14
Elm	2	1	1	1	ı	1	ı	1	1	I	2	1
Total	3,086	1	1,163	1	I	947	15	692	39	124	54	52
					UPLAND FI	-ATS UNIT	_					
Hard maple	47	1	26	ı	1	1		21	1	ı	1	1
Hickory	က	ı	က	ı	ı	1	I	ı	ı	ı	ı	1
Ash	16	ı	0	1	ı	I	1	11	2	ı	*	1
Black walnut	120	1	17	ı	*	1	-	78	7	1	17	1
Yellow-poplar	က	ı	က	ı	1	1	1	ı	1	ı	ı	ı
Black cherry	35	ı	19	ı	2	1	1	S	6	1	*	1
Red oak group	367	ı	278	ı	1	I	1	77	1	က	ı	10
White oak group	318	1	162	ı	2	1	I	150	ı	I	ı	I
<u>==</u>	2	I	ı	1	1	1	1	ı	1	1	2	1
Total	912	1	511	ı	7	1	-	342	18	က	20	10
* Less than 500 board feet	et.											

* Less than 500 board feet. Table may not sum due to rounding.

(In thousand board feet)

ALL UNITS

A STATE OF THE PERSON NAMED IN		I	I		756	CHINA	Destination				I	
									6		ľ	Other
Species group	Total	Illinois	Indiana	lowa Ke	ntucky M	Michigan	Missouri	Ohio Ten	nessee V	Wisconsin	Canada co	untries
Soft maple	418	1	328	1	ı	ı	1	ı	1	06	1	I
Hard maple	2,654	***	819	ı	14	438	ı	171	97	1,100	80	7
Paper birch	2	1	2	ı	I	ı	1	ı	ı	I	ı	1
Hickory	166	1	125	i	∞	ı	ı	ı	7	26	1	1
Pecan	23	1	22	ı	ı	ı	ı	ı	1	I	-	1
Beech	28	I	28	ı	ı	1	ı	ı	ı	ı	ı	1
Ash	106	ı	68	I	-	1	1	16	14	ı	2	7
Black walnut	1,022	****	486	ı	2	∞	-	123	69	I	182	141
Sweetgum	384	1	384	I	ı	ı	ı	ı	ı	ı	ı	ı
Yellow-poplar	563	ı	527	25	11	ı	1	ı	ı	I	I	1
Sycamore	099	ı	099	ı	1	ı	ı	ı	I	1	ı	1
Cottonwood	30	ı	ı	ı	ı	30	ı	ı	ı	ı	1	ı
Black cherry	680	ı	538	I	10	54	I	7	69	1	2	1
Red oak group	3,027	1	1,904	ı	154	222	22	212	69	100	306	38
White oak group	3,727	20	2,268	1	06	79	208	378	408	1	183	63
Elm	31	1	1	ı	1	ı	1	1	I	I	31	1
Total	13,520	50	8,157	25	289	831	240	206	734	1,316	715	255
					KNOBS	LIND						
Soft maple	130	1	93	ı	1	ı	1	1	1	37	1	1
Hard maple	1,723	ı	605	ı	14	1	ı	ı	91	1,000	7	2
Paper birch	-	ı	-	ı	ı	1	ı	ı	1	ı	ı	1
Hickory	125	I	107	ı	က	1	ı	ı	2	12	ı	ı
Pecan	21	1	21	1	1	1	1	ı	1	1	1	1
Beech	28	ı	28	ı	ı	1	ı	I	1	ı	ı	ı
Ash	80	ı	64	ı	ı	1	ı	1	0	1	-	2
Black walnut	268	1	294	ı	-	ı	7	ı	45	ı	118	103
Sweetgum	109	ı	109	ı	1	ı	1	1	1	1	1	1
Yellow-poplar	243	I	226	12	5	1	1	1	1	I	ı	I
Sycamore	188	1	188	1	ı	1	1	1	1	1	1	1
Black cherry	425	ı	362	ı	∞	ı	ı	ı	54	1	2	1
Red oak group	1,391	1	749	I	147	ı	21	ı	99	06	292	27
White oak group	2,624	ı	1,727	ı	86	1	197	1	400	I	174	40
Elm	12	1	1	1	1	1	1	ı	1	1	12	1
Total	7,669	1	4,575	12	265	1	225	1	299	1,139	909	181
										(Table 13a	13a continued on next page)	ext page)

84 (Table 13a continued)

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			i				Destination		ľ			
Species group	Totai	Illinois	Indiana	lowa	Kentucky	Michigan	Missouri	Ohio Tenn	ennessee	Wisconsin	Canada	Other countries
Soft maple	288	1	235	1	1	1	1	1	ı	53	1	1
Hard maple	100	1	100	ı	I	I	ı	ı	1	1	1	1
Hickory	26	1	7	1	2	ı	1	1	4	10	1	1
Pecan	_	1	1	1	1	1	ţ	ı	1	ı	-	1
Ash	က	I	-	1	1	1	1	ı	2	1	*	1
Black walnut	92	I	38	1	*	1	2	I	12	1	30	10
Sweetgum	275	1	275	1	1	1	ı	1	1	ı	1	I
Yellow-poplar	313	1	294	13	9	I	ı	ı	1	1	1	1
Sycamore	472	1	472	1	1	I	ı	1	1	ı	1	ı
Black cherry	24	1	24	1	I	I	I	ı	1	1	I	1
Red oak group	472	1	462	1	7	1	ı	ı	1	က	ı	1
White oak group	266	20	206	ı	1	1	1	1	ı	1	1	10
	12	1	1	ı	1	I	ı	1	1	ı	12	ı
Total	2,344	50	2,114	13	18		2	-	18	99	44	20
					NORTHE	ERN UNIT						
Hard maple	790		91	1	1	438	1	153	9	100	-	-
Paper birch	*	1	*	1	1	1	1	1	1	ı	ı	ı
Hickory	12	1	ω	1	I	ı	ı	ı	-	4	ı	1
Pecan	-	I	-	1	1	ı	ı	1	1	1	1	1
Ash	6	I	*	1	I	1	ı	9	-	I	*	-
Black walnut	257	1	139	1	ı	∞	-	55	7	I	19	28
Yellow-poplar	4	1	4	ı	1	1	1	ı	1	1	1	1
Cottonwood	30	1	1	1	1	30	1	1	1	ı	1	1
Black cherry	200	1	136	1	1	54	1	က	7	1	*	I
Red oak group	841	1	449	1	1	222	-	145	က	S	14	ო
White oak group	558	1	192	1	1	79	11	246	∞	I	6	13
Elm	5	1	1	1	1	1	1	-	1	1	2	1
Total	2,707	1	1,020	1	1	831	13	209	34	109	48	46
					UPLAND	FLATS UNI	<u></u>					
Hard maple	41	1	23	1	1	1		18	1	1		-
Hickory	က	1	က	1	I	I	1	ı	ı	ı	ı	1
Ash	14	1	2	1	1	ţ	1	10	2	1	+ x	1
Black walnut	105	1	15	ı	*	1	-	68	9	1	15	1
Yellow-poplar	က	1	က	1	ı	ı	1	ı	1	ı	1	1
Black cherry	31	1	17	1	2	I	ı	4	∞	I	*	1
Red oak group	322	1	244	1	1	I	1	89	1	2	1	8
White oak group	279	1	143	1	4	1	ı	132	I	T ₁	T.	I
<u>=</u>	2	1	1	1	1	1	1	1	1	I	2	1
Total	800	1	449	1	9	1	-	300	16	2	18	8
* Less than 500 board feel	+											

* Less than 500 board feet. Table may not sum due to rounding.

Table 14.-- Pulpwood production by wood material type and species group, Indiana, 1966, 1976, 1984, 1990, 1995, and 2000

(In standard cords, unpeeled)¹

Wood material type and species group	1966	1976	1984	1990	1995	2000
Roundwood Softwoods	662	1	1	1	3,597	3,953
Soft hardwoods	45,365	17,555	14,912	11,594	5,375	13,513
Hard hardwoods	48,064	40,379	20,420	26,332	35,448	27,486
Total	94,091	57,934	35,332	37,926	44,419	44,952
Residue						
Softwoods	2,349	114,060	170,568	151,108	230,698	1
Hardwoods	ı	-	1	266	35,303	123,414
Total	2,349	114,060	170,568	151,374	266,001	123,424
All wood material	96,440	171,994	205,900	189,300	310,421	168,376

¹ Standard cords are 128 cubic feet, consisting of 79 cubic feet of wood and 49 cubic feet of bark and air space. Table may not sum due to rounding.

Table 15. -- Wood material harvested for industrial roundwood by Forest Survey Unit, species group, and source of material. Indiana, 2000

(In thousand cubic feet)

12.2 6.8 89.4 89.4 89.4 89.4 89.4 89.4 89.4 89	residue growing residue growing stock Limby stock Limby	growing stock Limby stock Limby 390.4 1.0 85.4 38.3 184.2 346.1 1.045.6 4,329.3 7,652.2 35.8 5,864.0 292.6 292.6	Limby		Wood 181.9 300.0 1.1 228.9 8.1 8.1 8.1 8.1 8.1 8.1 8.1 8.1 8.1 8.1	Saplings	for products Cull trees 2.7 2.7 0.2 5.7 5.7 9.0 40.8 69.6 69.6 7.7 7.7 7.7 8.7 8.7 9.0 7.8 8.8 8.9 9.0 7.8 8.9 8.9 9.0 7.8 8.9 8.9 9.0 8.9 8.9 9.0 8.9 8.9	Dead Pead 1.4 1.4 2.0 46.7 46.7 *	oducts oducts III Dead Nonforest ** .7	Logging slash (not used) 214.7 214.7 44.4 213.3 149.6 707.7 2,024.4 3,419.5 18.6 2,900.9 29.5	Total non- growing stock stock 217.4 1.2 84.9 44.4 213.5 155.3 776.7 776.7 2,250.8 3,793.9 3,224.1 32.2 163.3	Total wood material used used 390.5 0.9 79.0 34.7 166.6 343.3 6,422.1 0.3 6,422.1 0.3 28.7 4,850.5 234.7 1.0 1.0 1.0	21 w mate u not u not u 12 22 22 22 22 22 22 22 22 22 22 22 22	Total wood material harvested 607.9 2.2 170.3 82.8 397.7 501.4 11,446.1 0.3 55.8 9,088.1 455.9
Persimmon Beech Ash Black walnut Sweetgum Yellow-poplar Tupelo Sycamore Cottonwood Aspen Black cherry Red oak group White oak group Black locust Sassafras Basswood	0.9 4,923.4 1,538.9 4,923.4 12,75.0 12,75.0 1,1751.1 1,172.3 5.6 2,085.7 11,465.9 11,465.9 11,465.9 85.7 432.4	24.6 311.4 267.8 27.2 27.2 27.2 153.6 153.6	0.3 466.9 182.3 182.3 3,896.9 17.5 173.5 631.8 631.8 631.8 132.4 132.4	2,050.5 2,050.5 2,18.1 1,122.2 16,939.1 12.0 2,279.6 1,372.7 7.3 2,717.6 25,784.2 14,867.8 11.0 11.0	* 878.2 39.9.7 39.9.3 39.9.6 60.9.6 60.9.6 10.7 10.7 10.7 10.7 10.7 10.7 10.7 10.7	2.8 4.4 6.0 6.0 7.1 7.1 7.1 13.0 9.0 8.0	* 0106 600 600 600 600 600 600 600 600 600	* 16.5 43.2 43.2 134.8 134.8 17.0 17.0 17.0 20.3 527.4 278.0 47.7	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	0.6 1,016.9 2,742.1 298.0 530.1 8,478.1 1,098.8 662.7 662.7 662.7 1,352.1 1,435.2 1,433.4 6,014.3 6,014.3 6,014.3 6,014.3	0.7 1,125.1 3,146.8 673.9 585.3 9,302.6 5.7 1,207.5 692.5 692.5 1,454.8 13,031.9 7,011.8 62.7	1,691.7 5,639.5 2,311.6 926.5 13,867.4 1,1229.3 1,229.3 2,188.4 2,188.4 2,160.2 12,602.3 12,602.3 12,602.3 12,602.3 473.3	1,483.9 4,867.7 4,867.7 4,867.7 7,80.9 12,374.4 1,616.3 835.9 835.9 1,984.0 17,213.8 9,262.8 9,262.8 9,262.8	1.9 3,175.6 10,507.2 2,791.9 1,707.5 26,241.8 17.7 3,487.1 2,065.2 11.3 4,172.4 38,816.1 21,879.6 1.5 1.5 1.5

80,074.0 64,203.0 144,277.1 81,089.0 64,950.3 146,039.3 (Table 15 continued on next page)

48,324.3

42,728.3

279.1

1,108.2

829.7

60.3

3,318.8

21,474.8 95,952.8

1,238.5

73,239.5

Total

(Table 15 continued)

					Sourc	urce of material	Ā							
		Growing stock	stock				Non	Non-growing stock	pck					
	. Used for products	roducts	Logging	Total		Nsed	Used for products			Logging	Total non-		Total wood	Total wood
Species group	Sawtimber	Pole- timber	residue (not used)	growing stock	Limbwood	Saplings	Cull trees	Dead Noi trees	Nonforest trees (slash (not used)	growing stock	material used	material not used	material harvested
Softwoods														
Eastern redcedar	313.5	0.5	2.2	316.2	ı	1	2.2	1	1	173.3	175.5	316.2	175.6	491.7
Jack pine	0.4	1	*	0.4	1	ı	*	1	1	0.5	0.5	0.4	0.5	6.0
Shortleaf pine	61.1	12.2	6.3	79.5	1	1	0.4	1	I	7.77	78.1	73.7	84.0	157.6
Red pine	12.1	1	1.3	13.4	l	I	*	I	1	15.5	15.5	12.1	16.8	28.9
White pine	0.09	1	6.4	66.5	1	1	0.1	ı	1	77.0	77.0	60.1	83.4	143.5
Virginia pine	116.4	213.1	7.6	337.1	ı	1	5.7	1	ı	139.2	144.8	335.2	146.8	482.0
Total	563.5	225.8	23.9	813.2	1	1	8.3	1	-	483.2	491.5	797.6	507.1	1,304.7
Hardwoods														
Soft maple	1,158.8	11.0	305.7	1,475.5	70.0	0.5	23.2	0.8	1	674.7	769.1	1,264.3	980.3	2,244.6
Hard maple	3,177.5	20.6	842.2	4,040.3	163.1	9.0	47.4	1.2	1	1,759.6	1,971.7	3,410.2	2,601.8	6,012.0
Paper birch	0.2	1	*	0.3	1	1	1	1	1	*	*	0.2	*	0.3
River birch	17.1	1	5.3	22.4	0.7	1	*	0.2	1	11.6	12.5	18.0	17.0	35.0
Hickory	2,098.4	23.7	617.1	2,739.1	117.9	1.0	34.7	21.6	1	1,330.7	1,505.9	2,297.2	1,947.8	4,245.0
Pecan	20.5	1	5.9	26.3	0.7	1	*	0.2	1	11.9	12.8	21.4	17.8	39.1
Hackberry	40.7	1	12.7	53.4	1.7	1	*	0.4	1	27.7	29.8	42.8	40.4	83.2
Persimmon	0.4	1	0.1	9.0	*	1	*	*	1	0.3	0.3	0.5	0.4	6.0
Beech	704.5	10.3	212.3	927.1	35.6	9.0	6.5	7.3	1	460.7	510.7	764.9	672.9	1,437.8
Ash	2,120.5	128.2	924.6	3,173.3	89.9	6.0	79.4	18.1	1	1,144.2	1,332.4	2,436.9	2,068.8	4,505.7
Black walnut	2.069	1	64.6	755.2	13.4	1	19.6	ı	9.66	104.4	237.1	823.3	169.0	992.3
Sweetgum	445.7	3.8	131.9	581.5	21.7	0.2	4.4	4.4	1	282.2	312.9	480.3	414.1	894.4
Yellow-poplar	6,366.9	61.6	1,940.2	8,368.7	298.2	3.6	37.7	62.9	1	4,218.2	4,623.6	6,833.9	6,158.4	12,992.3
Tupelo	1.3	9.0	0.3	2.2	0.2	*	0.1	*	1	0.7	1.0	2.2	1.0	3.2
Sycamore	705.4	3.9	204.8	914.2	37.3	0.1	10.8	7.0	ı	435.7	490.8	764.5	640.4	1,404.9
Cottonwood	312.2	5.5	46.1	363.7	5.0	0.4	2.1	0.1	1	177.0	184.6	325.3	223.1	548.4
Aspen	1.0	1	0.3	1.3	*	ı	*	*	1	0.7	0.7	1.1	1.0	2.1
Black cherry	792.5	1	235.9	1,028.4	29.8	1	0.5	7.4	1	497.6	535.3	830.2	733.5	1,563.7
Red oak group	9,426.1	50.3	2,744.5	12,220.9	428.3	2.7	91.4	249.7	1	5,424.4	6,196.6	10,248.6	8,169.0	18,417.5
White oak group	5,400.1	42.6	1,480.8	6,923.5	248.3	1.9	135.8	119.0	1	2,578.8	3,083.8	5,947.7	4,059.6	10,007.3
Sassafras	40.8	ı	12.7	53.5	1.7	1	*	0.4	1	27.8	29.9	42.9	40.5	83.4
Basswood	66.4	2.7	19.9	89.0	3.8	0.2	0.7	0.7	ı	43.2	48.7	74.5	63.1	137.7
Elm	75.8	0.1	23.0	98.9	3.3	-	0.4	9.0	1	49.5	54.0	80.4	72.5	152.9
Total	33,663.7	364.9	9,830.7	43,859.4	1,570.6	12.7	494.6	505.1	9.66	19,261.6	21,944.2	36,711.3	29,092.4	65,803.6
All species	34,227.2	590.7	9,854.6	44,672.6	1,570.6	12.7	502.9	505.1	9.66	19,744.8	22,435.7	37,508.9	29,599.4	67,108.3
												(Table	(Table 15 continued on next page)	on next page)

(Table 15 continued)

Converge stock Converge stock Color Co	(Table 15 continued)						LOWER WABASH UNIT	BASH UN	II						
Colored group Counting stock Counting stock Used for products Counting stock Logging Total wood Total must products Close group Sawtimber Lingling Total Logging Total must products Total must products Total must products Total must products Total must product product products Total must product products Total must product products Total must product products Total must product products Total must product products Total must product products Total must product products Total must product products						Sourc	e of materi	la la					Į		
Used for productes Logging Total Used for products Logging Total non-residue Total wood Total non-residue Total wood			Growing	stock					-growing	stock					
Continue		Used for p	roducts Pole-	Logging	Total		Nsed	for produ	Sead	Nonforest	Logging slash	Total non-	Total wood	Total wood	Total wood
Pack pine decided 7.3 - 1. 1.4 1.6 1.6 - 1. 1.1 1.6	Species group	Sawtimber	timber	(not used)	stock	Limbwood	Saplings	trees		trees		stock	nsed	not used	harvested
State Freeder 7.3 - 0.1 0.6 - 0.1 0.6 - 0.1 0.6 0.5 0.5	Softwoods														
Standard Color C	Eastern redcedar	7.3	1	*	7.4	1	-	0.1	I	1	4.1	4.2	7.4	4.2	11.5
Standard prine 1.5	Jack pine	0.5	1	0.1	9.0	1	1	ŧ	1	1	9.0	9.0	0.5	0.7	1.2
While prine 11.1 - 1.2 - - - - 14.3 11.1 Red prine 13.2 - 1.4 14.6 - - - 16.9 16.9 16.9 11.1 Cldwoods 38.7 - 2.8 35.4 - - - 16.9 16.9 16.9 17.0 Soft maple 1,092.3 22.7 2.8 1,271.9 60.0 2.1 10.6 0.8 - - 16.9 16.9 16.9 16.9 17.0 16.9 16.9 16.9 17.0 16.9 17.0 16.9 17.0	Shortleaf pine	0.5	I	0.1	9.0	I	1	*	1	1	9.0	9.0	0.5	0.7	1.2
13.2 1.4 14.6 -	Red pine	11.1	I	1.2	12.3	1	ı	*	I	I	14.3	14.3	11.1	15.5	26.6
Trotal 32.7 – 2.8 35.4 – 0.1 – 0.1 – 662.5 363.1 646.9 1,079.8 day of a day	White pine	13.2	I	1.4	14.6	I	ı	*	I	I	16.9	16.9	13.2	18.3	31.5
Odd models 988.9 27.1 265.3 1,281.3 52.2 1.8 9.2 0.7 – 558.3 66.0 1,092.3 – 55.3 7.3 16.7 – 55.3 7.3 16.7 – 55.3 7.3 16.7 – 55.3 7.3 16.7 – 55.3 7.3 16.7 – 55.3 7.3 16.7 – 55.3 7.3 16.7 – 55.3 7.3 16.7 – 55.3 7.3 16.7 – 55.3 7.3 16.7 – 55.3 7.3 16.7 – 55.3 8.4 1.4 <td>Total</td> <td>32.7</td> <td>1</td> <td>2.8</td> <td>35.4</td> <td>_</td> <td>-</td> <td>0.1</td> <td>1</td> <td>-</td> <td>36.6</td> <td>36.6</td> <td>32.7</td> <td>39.3</td> <td>72.1</td>	Total	32.7	1	2.8	35.4	_	-	0.1	1	-	36.6	36.6	32.7	39.3	72.1
g88.9 27.1 265.3 1,281.3 52.2 1.8 9.2 0.7 — 683.1 646.9 1,09.8 dooff maple 1,982.3 3.2.6 297.0 1,421.9 60.0 2.1 10.6 0.8 — 662.5 736.0 1,198.4 River fumaple 8.0 2.2 2.0 1.421.9 60.0 2.1 10.6 0.8 — 662.5 736.0 1,198.4 River fund 1.52.6 6.0 2.2 0.1 0.8 — 6.2.5 736.0 1,198.4 1,209.1 decan 1.52.6 1.0 0.3 — 1.0 0.3 — 1,105.5 1,120.5 1,130.4 1.1 1,100.5 1,120.5 1,100.5	Hardwoods														
All stand maple 1,092.3 3.2.6 297.0 1,421.9 60.0 2.1 10.6 0.8 — 662.5 736.0 1,198.4 Rived maple 1,525.6 59.5 465.5 2,050.7 77.2 3.8 7.3 — 0.1 — 5.5 736.0 1,198.4 Rickor birch 1,525.6 59.5 465.5 2,050.7 77.2 3.8 7.3 — 0.1 0.8 — 1,120.5 1,198.4 29.0 Hickory 0.1 0.8 — 0.2 0.3 0.3 0.5 0.3 0.5 0.5 0.3 0.5 0.5 0.3 0.5 0.5 0.3 0.5 0.3 0.5 0.3 0.5 0.7 0.5 0.7	Soft maple	988.9	27.1	265.3	1,281.3	52.2	1.8	9.5	0.7	1	583.1	646.9	1,079.8	848.4	1,928.2
Hickory 1,526, 6.95, 6.95, 6.050, 77.2 3.8 7.3 10.1 - 5.5 5.9 8.4 Hickory 1,526, 6.95, 6.95, 6.95, 77.2 3.8 7.3 10.1 - 10.15, 5.1, 120.5 1,690.1 1,600.1 1,200.2 1.0 8.2 35.4 1.3 - 0.2 0.3 - 17.6 19.4 29.0 1,600.1 1,140.8 11.1 - 25.2 106.3 3.3 - 0.1 0.8 - 25.1 5.9.3 85.3 1.3 1.3 1.40.8 76.2 106.3 1.3 1.3 1.3 1.3 1.40.8 76.2 106.3 1.3 1.3 1.3 1.3 1.3 1.3 1.3 1.3 1.3 1	Hard maple	1,092.3	32.6	297.0	1,421.9	0.09	2.1	10.6	0.8	1	662.5	736.0	1,198.4	929.5	2,157.9
Hickory 1,525.6 59.5 465.5 2,056.7 77.2 3.8 7.3 16.7 — 1,015.5 1,120.5 1,690.1 26.2 1.0 8.2 33.4 13. — 0.1 0.8 — 17.6 19.4 29.0 1.0 4.0 6.5 — 1.0 106.3 3.3 — 0.1 0.8 — 17.6 19.4 29.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1	River birch	8.0	1	2.5	10.5	0.3	1	*	0.1	1	5.5	5.9	8.4	8.0	16.4
Becan 26.2 1.0 8.2 35.4 1.3 - 0.2 0.3 - 17.6 19.4 29.0 Hackberry B1.1 - 25.2 10.3 - 0.1 0.8 - 5.5 1.9 8.5 3.0 6.5 9.3 9.0	Hickory	1,525.6	59.5	465.5	2,050.7	77.2	3.8	7.3	16.7	1	1,015.5	1,120.5	1,690.1	1,481.1	3,171.2
Hackberry B1.1 – 25.2 106.3 3.3 – 0.1 0.8 – 55.1 59.3 85.3 Berserh O.5 – 0.1 0.6 * * * * * * * * * * * * * * * * * * *	Pecan	26.2	1.0	8.2	35.4	1.3	1	0.2	0.3	1	17.6	19.4	29.0	25.8	54.9
Persimmon 0.5 - - - - - 0.0 0.5 Persimmon 0.5 - 0.1 0.6 - - - 0.3 0.5 0.5 0.5 Ash 447.1 33.4 11.8 - 20.3 30.9 51.8 20.6 2.2 3.8 5.2 - 20.3 30.9 51.30.7 30.9 477.8 30.9 477.8 30.9 477.8 30.9 477.8 30.9 477.8 30.9 51.8 5.2 - 20.6 62.6 141.0 477.8 33.4 477.8 33.4 477.8 33.4 477.8 33.4 477.8 33.4 477.8 470.0 470.0 470.0 470.0 470.0 470.0 470.0	Hackberry	81.1	1	25.2	106.3	3.3	1	0.1	0.8	1	55.1	59.3	85.3	80.4	165.7
Beech 447.1 33.4 134.3 614.8 26.6 2.2 3.8 5.2 – 293.2 330.9 518.2 Ash back walnut 1,40.8 76.2 411.1 1,628.1 56.1 3.4 11.8 – 704.3 795.0 1,307.7 Black walnut 309.4 – 47.1 1,628.1 56.1 – 704.3 795.0 1,307.7 Black walnut 309.4 – 40.5 6.2 47.3 8.5 – 704.3 705.0 1,307.7 Black walnut 302.3 1.2 6.0 2.1 1.2 6.2 6.3 14.8 – 704.3 1307.7 Vellow-poplar 4,055.6 2.0 2.1 1.2 4.0 3.3 4.4 4.7 4.7 4.7 9.3 4.7 9.3 4.7 9.3 4.7 9.3 4.7 9.3 4.7 9.3 4.7 9.3 4.8 4.5 4.7 4.8 4.5	Persimmon	0.5	1	0.1	9.0	*	1	*	*	1	0.3	0.3	0.5	0.5	1.0
Ash 1,140.8 76.2 411.1 1,628.1 56.1 3.4 19.4 11.8 – 704.3 795.0 1,307.7 Black walnut 399.4 – 37.9 437.3 8.5 – 12.4 – 57.5 62.6 141.0 477.8 333.4 Asveetgum 302.3 12.3 68.7 400.3 13.7 0.7 1.5 2.9 – 175.3 194.1 333.4 Plotov-polar 4,055.5 201.0 1,225.0 5,481.5 213.7 13.1 23.3 44.8 – 2,662.6 2,957.6 4,551.4 Plotolog 659.6 6.9 192.6 859.1 25.8 0.3 1.3 6.1 – 400.7 434.2 700.0 21 1.6 95.6 859.1 25.8 0.3 1.3 6.1 – 400.7 434.2 700.0 20.0 1 1.2 42.5 355.6 8.6 1.3 3.4 0.5 – 162.1 176.0 326.9 Black cherry 311.5 – 1.4 6.0 0.2 – * 0.2 3.2 – 162.1 176.0 326.9 Black cherry 5,425.6 157.2 1,588.2 7,171.0 263.3 10.0 46.9 147.7 – 3,157.3 3,625.2 6,050.7 Black cherry 2,646.1 108.2 769.1 3,523.4 135.5 6.9 27.4 71.8 – 1,520.1 1,761.8 2,996.0 Sassafras 30.2 – 9.4 39.5 1.2 – * 0.3 1.3 – 8.4 41.4 17.8 1.3 13.7 Ellim 19,32.4 – 40.9 173.2 6.9 173.2 – 88.8 46.4 168.4 315.7 57.5 11,874.1 13,433.1 21,970.2 1 species 19,663.2 748.1 5,718.6 26,129.8 970.8 46.4 168.5 315.7 57.5 11,874.1 13,433.1 21,970.2 1 species	Beech	447.1	33.4	134.3	614.8	26.6	2.2	3.8	5.2	1	293.2	330.9	518.2	427.5	945.7
Black wallult 399.4 – 37.9 437.3 8.5 – 12.4 – 57.5 62.6 141.0 477.8 Sweetgum 302.3 12.3 486.7 400.3 13.7 0.7 1.5 2.9 – 175.3 194.1 333.4 Vellow-poplar 4,055.5 201.0 1,226.0 5,481.5 213.7 13.1 23.3 44.8 – 2,662.6 2,957.6 4,551.4 700.0 Sycamore 659.6 6.9 192.6 859.1 25.8 0.3 1.3 6.1 – 2,662.6 2,957.6 4,551.4 700.0 Octtonwood 291.9 21.2 42.5 355.6 8.6 1.3 3.4 0.5 – 400.7 434.2 700.0 Aspen 4.5 – 1.4 6.0 1.2 * * – 4.8 4.8 Aspen 4.4 6.0 1.2 6.2 1.7 4.8 4.8	Ash	1,140.8	76.2	411.1	1,628.1	56.1	3.4	19.4	11.8	1	704.3	795.0	1,307.7	1,115.4	2,423.0
Sweetgum 302.3 12.3 85.7 400.3 13.7 0.7 1.5 2.9 - 175.3 194.1 333.4 Yellow-poplar 4,055.5 201.0 1,225.0 5,481.5 213.7 13.1 23.3 44.8 - 2,662.6 2,957.6 4,551.4 Tupelo 6.0 2.1 1.6 9.7 0.8 0.1 0.2 0.1 - 2,662.6 2,957.6 4,551.4 Sycamore 6.0 2.1 2.6 85.1 2.5 4.7 9.3 Sycamore 6.3 1.2 4.5 3.5 4.7 9.3 Aspen 4.5 4.5 4.5 4.5 4.7 4.7 4.7 9.3 Aspen 5,425.6 157.2 1,588.2 7,171.0 263.3 10.0 46.9 147.7 - 20.5 20.5 20.5 20.5 20.5 20.5 20.5 20.5 20.5 20.5 20.5 20.5 20.5	Black walnut	399.4	1	37.9	437.3	8.5	1	12.4	1	57.5	62.6	141.0	477.8	100.5	578.3
Yellow-poplar 4,055.5 201.0 1,225.0 5,481.5 213.7 13.1 23.3 44.8 - 2,662.6 2,957.6 4,551.4 Tupelo 6.0 2.1 1.6 9.7 0.8 0.1 0.2 0.1 - 3.5 4.7 9.3 Tupelo 6.9 6.9 192.6 859.1 25.8 0.3 1.3 - 400.7 43.2 700.0 Sycamore 659.6 6.9 192.6 859.1 25.8 0.3 1.3 4.7 700.0 Sycamore 659.6 6.9 10.2 0.3 - 400.7 1.7 43.4 7.0 3.6 9.3 4.7 9.3 4.8 9.5<	Sweetgum	302.3	12.3	85.7	400.3	13.7	0.7	1.5	2.9	1	175.3	194.1	333.4	261.0	594.4
Tupelo 6.0 2.1 1.6 9.7 0.8 0.1 0.2 0.1 - 3.5 4.7 9.3 Sycamore 659.6 6.9 192.6 859.1 25.8 0.3 1.3 6.1 - 400.7 434.2 700.0 Sycamore 659.6 6.9 192.6 859.1 25.8 0.3 1.3 6.1 - 400.7 434.2 700.0 Cottonwood 291.9 21.2 42.5 355.6 8.6 1.3 4.8 700.0 326.9 4.8 4.8 4.8 4.8 4.8 4.8 4.8 4.8 4.8 4.8 4.8 4.8 4.8 4.8 4.8 4.8 4.8 4.4 4.1 4.4 4.1 4.4 4.1 4.4 4.1 4.4 4.8 4.4 4.8 4.6 4.6 4.6 4.6 4.4 4.8 4.6 4.6 4.4 4.8 4.4 4.8 4.4 4.4 </td <td>Yellow-poplar</td> <td>4,055.5</td> <td>201.0</td> <td>1,225.0</td> <td>5,481.5</td> <td>213.7</td> <td>13.1</td> <td>23.3</td> <td>44.8</td> <td>1</td> <td>2,662.6</td> <td>2,957.6</td> <td>4,551.4</td> <td>3,887.6</td> <td>8,439.1</td>	Yellow-poplar	4,055.5	201.0	1,225.0	5,481.5	213.7	13.1	23.3	44.8	1	2,662.6	2,957.6	4,551.4	3,887.6	8,439.1
Sycamore 659.6 6.9 192.6 859.1 25.8 0.3 1.3 6.1 - 400.7 434.2 700.0 Cottonwood 291.9 21.2 42.5 355.6 8.6 1.3 3.4 0.5 - 162.1 176.0 326.9 Aspen 4.5 - 1.4 6.0 0.2 - 8.6 1.76.0 326.9 Aspen 4.5 - 1.4 6.0 0.2 - 2.0 2.05.2 4.8 Black cherry 311.5 - 96.3 407.9 12.6 - 0.2 3.2 - 209.5 225.4 327.5 Red oak group 2,646.1 108.2 7,711.0 263.3 10.0 46.9 147.7 - 3,157.3 3,625.2 6,050.7 Sassafras 30.2 - * * 0.3 - 20.5 22.1 1,761.8 20.5 1 31.7 40.9 173.2 *	Tupelo	0.9	2.1	1.6	9.7	0.8	0.1	0.2	0.1	1	3.5	4.7	9.3	5.0	14.3
Cottonwood 291.9 21.2 42.5 355.6 8.6 1.3 3.4 0.5 – 162.1 176.0 326.9 Aspen 4.5 – 1.4 6.0 0.2 – * – 3.1 3.3 4.8 Aspen 4.5 – 1.4 6.0 0.2 – 3.2 – 3.1 3.3 4.8 Black cherry 311.5 – 96.3 407.9 12.6 – 0.2 3.2 – 209.5 225.4 327.5 Red oak group 2,446.1 108.2 7,171.0 263.3 10.0 46.9 147.7 – 3,157.3 3,655.2 6,050.7 White oak group 2,646.1 108.2 7,18 7,18 2,23 1,71.8 2,96.0 Sassafras 30.2 – * 0.3 – * 20.5 2.1 1,71.8 Basswood 132.4 4.6 1.0 0.7 –	Sycamore	659.6	6.9	192.6	859.1	25.8	0.3	1.3	6.1	1	400.7	434.2	700.0	593.3	1,293.4
Aspen 4.5 – 1.4 6.0 0.2 – * * * – 3.1 3.3 4.8 Back cherry 311.5 – 96.3 407.9 12.6 – 0.2 3.2 – 209.5 225.4 327.5 Back cherry 311.5 – 96.3 407.9 12.6 – 0.2 3.2 – 209.5 225.4 327.5 Back cherry 5,425.6 157.2 1,588.2 7,171.0 263.3 10.0 46.9 147.7 – 3,157.3 3,625.2 6,050.7 White oak group 2,646.1 108.2 7,691. 3,523.4 135.5 6.9 27.4 71.8 – 1,520.1 1,761.8 2,996.0 31.7 Basswood 55.0 9.4 15.8 80.3 4.6 0.6 1.0 0.7 – 20.5 22.1 31.7 Basswood 132.4 – 40.9 173.2 5.3 – 0.1 1.3 – 88.8 95.6 1399.5 11.837.6 13,396.5 21,937.5 11 species 19,663.2 748.1 5,718.6 26,129.8 970.8 46.4 168.5 315.7 57.5 11,874.1 13,433.1 21,970.2 1	Cottonwood	291.9	21.2	42.5	355.6	8.6	1.3	3.4	0.5	1	162.1	176.0	326.9	204.6	531.5
Back cherry 311.5 – 96.3 407.9 12.6 – 0.2 3.2 – 209.5 225.4 327.5 Red oak group 5,425.6 157.2 1,588.2 7,171.0 263.3 10.0 46.9 147.7 – 3,157.3 3,625.2 6,050.7 Red oak group 2,646.1 108.2 769.1 3,523.4 135.5 6.9 27.4 71.8 – 1,520.1 1,761.8 2,996.0 Sassafras 30.2 – 9.4 39.5 11.2 – * 0.3 – 20.5 22.1 31.7 Basswood 55.0 9.4 15.8 80.3 4.6 0.6 1.0 0.7 – 34.4 41.4 71.4 That 132.4 – 40.9 173.2 5.3 – 0.1 1.3 – 88.8 95.6 1391.5 That 19,630.5 748.1 5,715.8 26,094.4 970.8 46.4 168.5 315.7 57.5 11,874.1 13,433.1 21,970.2 1 species	Aspen	4.5	1	4.1	0.9	0.2	I	*	*	1	3.1	3.3	4.8	4.5	9.3
Red oak group 5,425.6 157.2 1,588.2 7,171.0 263.3 10.0 46.9 147.7 - 3,157.3 3,625.2 6,050.7 White oak group 2,646.1 108.2 769.1 3,523.4 135.5 6.9 27.4 71.8 - 1,561.8 2,996.0 Sassafras 30.2 - 9.4 39.5 1.2 - * 0.3 - 20.5 22.1 31.7 Basswood 55.0 9.4 15.8 80.3 4.6 0.6 1.0 0.7 - 34.4 41.4 71.4 Elm 132.4 - 40.9 10.6 1.0 0.7 - 88.8 95.6 139.1 Total 19,630.5 748.1 5.715.8 26,094.4 970.8 46.4 168.5 315.7 57.5 11,874.1 13,433.1 21,970.2 1	Black cherry	311.5	1	6.96	407.9	12.6	1	0.2	3.2	1	209.5	225.4	327.5	305.8	633.3
White oak group 2,646.1 108.2 769.1 3,523.4 135.5 6.9 27.4 71.8 - 1,520.1 1,761.8 2,996.0 2,2 2.8 30.2 - 9.4 39.5 1.2 - * 0.3 - 20.5 22.1 31.7 31.7 31.7 32.4 15.8 80.3 4.6 0.6 1.0 0.7 - 34.4 41.4 71.4 71.4 8asswood 132.4 - 40.9 173.2 5.3 - 0.1 1.3 - 88.8 95.6 139.1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	Red oak group	5,425.6	157.2	1,588.2	7,171.0	263.3	10.0	46.9	147.7	1	3,157.3	3,625.2	6,050.7	4,745.5	10,796.2
Sassafras 30.2 – 9.4 39.5 1.2 – * 0.3 – 20.5 22.1 31.7 Basswood 55.0 9.4 15.8 80.3 4.6 0.6 1.0 0.7 – 34.4 41.4 71.4 Elm 132.4 – 40.9 173.2 5.3 – 0.1 1.3 – 88.8 95.6 139.1 1 1 Total 19,630.5 748.1 5,715.8 26,129.8 970.8 46.4 168.5 315.7 57.5 11,874.1 13,433.1 21,970.2 17.5 species	White oak group	2,646.1	108.2	769.1	3,523.4	135.5	6.9	27.4	71.8	1	1,520.1	1,761.8	2,996.0	2,289.2	5,285.2
Basswood 55.0 9.4 15.8 80.3 4.6 0.6 1.0 0.7 - 34.4 41.4 71.4 Elm 132.4 - 40.9 173.2 5.3 - 0.1 1.3 - 88.8 95.6 139.1 1 Total 19,630.5 748.1 5,715.8 26,094.4 970.8 46.4 168.5 315.7 57.5 11,874.1 13,433.1 21,970.2 17,5 species 19,663.2 748.1 5,718.6 26,129.8 970.8 46.4 168.5 315.7 57.5 11,874.1 13,433.1 21,970.2 17,5	Sassafras	30.2	1	9.4	39.5	1.2	1	*	0.3	1	20.5	22.1	31.7	29.9	61.6
Elm 132.4 – 40.9 173.2 5.3 – 0.1 1.3 – 88.8 95.6 139.1 Total 19,630.5 748.1 5,715.8 26,094.4 970.8 46.4 168.5 315.7 57.5 11,837.6 13,396.5 21,937.5 17, species 19,663.2 748.1 5,718.6 26,129.8 970.8 46.4 168.5 315.7 57.5 11,874.1 13,433.1 21,970.2 17,	Basswood	55.0	9.4	15.8	80.3	4.6	9.0	1.0	0.7	1	34.4	41.4	71.4	50.2	121.6
Total 19,630.5 748.1 5,715.8 26,094.4 970.8 46.4 168.4 315.7 57.5 11,837.6 13,396.5 21,937.5 species 19,663.2 748.1 5,718.6 26,129.8 970.8 46.4 168.5 315.7 57.5 11,874.1 13,433.1 21,970.2	Elm	132.4	1	40.9	173.2	5.3	1	0.1	1.3	1	88.8	92.6	139.1	129.7	268.8
species 19.663.2 748.1 5.718.6 26,129.8 970.8 46.4 168.5 315.7 57.5 11,874.1 13,433.1 21,970.2	Total	19,630.5	748.1	5,715.8	26,094.4	8.076	46.4	168.4	315.7	57.5	11,837.6	13,396.5	21,937.5	17,553.4	39,490.9
	All species	19,663.2	748.1	5,718.6	26,129.8	8.076	46.4	168.5	315.7	57.5	11,874.1	13,433.1	21,970.2	17,592.7	39,562.9

(Table 15 continued)

					Source	Source of material	ı,							
		Growing stock	stock				Nor	Non-growing stock	lock					
	Used for products	roducts Pole-	Logging	Total		Used	Used for products	pead	Nonforest	Logging slash	Total non-	Total wood '	Total wood	Total wood
Species group	Sawtimber	timber	(not used)	stock	Limbwood	Saplings	trees			(not used)	stock	pesn	not used	harvested
Softwoods														
Eastern redcedar	53.0	1	0.3	53.3	1	1	0.4	1	1	29.8	30.1	53.4	30.1	83.4
Red pine	10.8	1	1.2	12.0	1	1	*	ı	1	13.8	13.9	10.8	15.0	25.8
White pine	71.3	1	7.6	79.0	1	_	0.1	1	1	91.4	91.5	71.4	99.1	170.5
Total	135.1	1	9.1	144.2	1	1	0.5	1	1	135.0	135.5	135.6	144.1	279.7
Hardwoods														
Soft maple	1,089.5	0.7	302.3	1,392.5	52.8	*	7.5	*	1	628.9	739.3	1,150.6	981.2	2,131.8
Hard maple	1,369.3	6.0	364.5	1,734.7	60.4	0.1	8.6	*	1	783.5	852.6	1,439.3	1,148.0	2,587.3
Paper birch	0.1	ı	*	0.1	1	1	1	1	1	*	*	0.1	*	0.1
River birch	0.8	ı	0.2	1.0	*	1	*	*	1	0.5	9.0	0.8	0.8	1.6
Hickory	643.3	1.5	199.6	844.4	26.7	0.1	9.0	9.9	1	435.7	469.6	678.7	635.3	1,314.0
Pecan	0.2	1	*	0.2	1	1	1	ı	I	*	*	0.2	*	0.2
Hackberry	100.0	1	31.1	131.1	4.1	ı	0.1	1.0	1	68.0	73.1	105.1	99.1	204.2
Beech	242.1	0.9	75.2	318.2	10.1	0.1	0.2	2.5	ı	164.3	177.3	255.9	239.5	495.4
Ash	981.5	35.9	394.4	1,411.7	35.7	0.1	19.5	8.9	1	589.5	653.7	1,081.5	983.9	2,065.5
Black walnut	762.1	1	72.1	834.2	15.9	1	23.3	1	109.8	118.7	267.7	911.1	190.8	1,101.9
Sweetgum	14.9	0.3	4.6	19.8	0.7	*	*	0.2	1	10.0	10.9	16.1	14.6	30.7
Yellow-poplar	1,123.3	5.2	348.7	1,477.2	47.3	0.3	1.3	11.6	1	761.7	822.2	1,189.0	1,110.4	2,299.5
Tupelo	*	0.1	*	0.1	*	*	*	*	1	*	*	0.1	*	0.1
Sycamore	273.7	0.1	85.1	359.0	11.2	*	0.2	2.8	1	186.0	200.3	288.1	271.2	559.2
Cottonwood	543.4	0.5	80.9	624.8	5.8	*	2.2	*	1	309.3	317.2	551.8	390.2	942.0
Black cherry	874.7	1	267.1	1,141.8	34.6	1	0.5	*	1	575.3	619.0	918.4	842.4	1,760.8
Red oak group	3,352.7	4.0	981.1	4,337.8	136.1	0.3	18.8	88.0	ı	1,930.5	2,173.7	3,599.9	2,911.6	6,511.5
White oak group	2,379.4	2.7	697.2	3,079.3	8.96	0.2	13.4	62.7	1	1,373.3	1,546.3	2,555.1	2,070.5	4,625.6
Black locust	0.7	1	0.5	1.0	*	1	*	*	ı	0.5	0.5	0.8	0.7	1.5
Sassafras	12.4	1	3.9	16.3	0.5	1	*	0.1	1	8.5	9.1	13.1	12.3	25.4
Basswood	297.8	0.2	92.6	390.6	12.3	*	0.2	3.1	1	202.4	217.9	313.5	295.0	608.5
Elm	80.2	I	24.8	105.0	3.3	ı	0.1	0.8	1	54.1	58.2	84.3	78.9	163.2
Kentucky coffeetree	5.3	1	1.7	7.0	0.2	1	*	0.1	1	3.6	3.9	5.6	5.3	10.8
Total	14,147.1	53.1	4,027.4	18,227.7	554.5	1.2	96.5	197.0	109.8	8,254.2	9,213.2	15,159.2	12,281.6	27,440.9
All species	14,282.2	53.1	4,036.5	18,371.9	554.5	1.2	97.0	197.0	109.8	8,389.2	9,348.7	15,294.8	12,425.7	27,720.6

(Table 15 continued)

UPLAND FLATS UNIT

					Source	Source of material	EATS ON							
		Growing stock	stock					Non-growing st	stock					
	Used for products	roducts	Logging	Total		Used	Used for products	ts		Logging 7	Total non-	Total wood	Total wood	Total wood
Species group	Sawtimber	100	ے	growing stock	Limbwood	Saplings	Cull trees	Dead Nonforest trees			growing stock	material used	material not used	material harvested
Softwoods														
Eastern redcedar	13.4	1	0.1	13.5	1	1	0.1		1	7.5	7.6	13.5	7.6	21.2
Shortleaf pine	4.8	1	0.5	5.3	1	1	*	1	I	6.1	6.1	4.8	6.7	11.4
Red pine	9.0	1	0.1	0.7	1	1	*	1	1	0.8	0.8	9.0	0.8	1.4
White pine	21.9	1	2.3	24.2	1	I	*	I	1	28.1	28.1	21.9	30.4	52.3
Virginia pine	8.1	1	6.0	0.6	1	1	*	ı	1	10.4	10.4	8.2	11.3	19.5
Total	48.9	-	3.9	52.7	1	1	0.1	1	1	52.9	53.1	49.0	56.8	105.8
Hardwoods														
Soft maple	140.9	1	39.1	180.0	6.8	ı	1.0	ı	1	87.8	92.6	148.6	126.9	275.6
Hard maple	353.3	1.3	100.7	455.3	16.6	1	3.0	1	1	214.0	233.6	374.2	314.7	6889
River birch	1.4	ı	0.4	1.8	0.1	ı	*	*	ı	1.0	1.0	1.5	1.4	2.9
Hickory	175.4	ì	54.5	229.9	7.2	1	0.1	1.8	1	119.0	128.0	184.4	173.5	357.9
Hackberry	1.4	1	0.4	1.8	0.1	1	*	*	I	1.0	1.0	1.5	1.4	2.9
Beech	145.2	1	45.2	190.4	5.9	1	0.1	1.5	1	98.7	106.3	152.7	143.9	296.6
Ash	680.7	71.1	395.6	1,147.4	18.0	I	39.1	4.5	1	304.1	365.7	813.4	9.669	1,513.1
Black walnut	83.6	1	7.7	91.3	1.5	1	2.2	1	12.1	12.3	28.1	99.4	20.0	119.4
Sweetgum	92.1	1	28.6	120.7	3.8	I	0.1	6.0	1	62.6	67.4	8.96	91.2	188.1
Yellow-poplar	1,229.3	1	382.4	1,611.7	50.4	1	0.8	12.6	1	835.5	899.2	1,293.0	1,217.9	2,510.9
Sycamore	112.4	I	35.0	147.3	4.6	ı	0.1	1.2	1	76.4	82.2	118.2	111.4	229.6
Cottonwood	24.9	1	3.7	28.6	0.3	1	0.1	1	1	14.3	14.6	25.3	18.0	43.3
Black cherry	107.0	I	32.5	139.5	4.2	ı	0.1	1.0	1	2.69	75.0	112.3	102.2	214.5
Red oak group	1,587.8	1	466.6	2,054.4	64.5	1	8.8	42.0	1	921.2	1,036.4	1,703.0	1,387.8	3,090.8
White oak group	1,040.3	I	301.3	1,341.6	38.1	ı	14.9	24.6	1	542.2	619.9	1,117.9	843.5	1,961.5
Sassafras	2.3	1	0.7	3.0	0.1	1	*	*	1	1.6	1.7	2.4	2.3	4.7
Basswood	13.2	1	4.1	17.2	0.5	ı	*	0.1	1	8.9	9.6	13.8	13.0	26.9
Elm	7.1	1	2.2	9.3	0.3	1	*	0.1	1	4.6	5.0	7.5	6.8	14.2
Total	5,798.2	72.4	1,900.8	7,771.3	222.8	1	70.3	90.4	12.1	3,374.9	3,770.4	6,266.0	5,275.7	11,541.7
All species	5,847.0	72.4	1,904.7	7,824.0	222.8	1	70.4	90.4	12.1	3,427.8	3.823.5	6,315.0	5,332.5	11,647.5
 Less than 50 cubic feet. 														

'Based on factors obtained from the Indiana Logging Utilization Study and other regional utilization studies. Table may not sum due to rounding.

Table 16.--Growing-stock removals from timberland for industrial roundwood by Forest Survey Unit, county, and species group, Indiana, 2000

(In thousand cubic feet)

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2,227 2,227 3,272 490 3,012 3,729	3,295 2,274 2,395 3,340 4,861 2,185 1,744 1,515 5,020
Clawford Crawford Dubois Floyd Harrison Jackson Lawrence	Monroe Morgan Orange Owen Perry Scott Spencer Warrick Washington

Table 16 continued)				Softwoods	v		ı	ı	I	I	I		Hardwoods	1	١	ı	I
orest Survey Unit	All	Eastern	Jack S	Shortleaf	Red	White	Virginia pine so	Total	Soft	Hard	Paper hirch	River	Hickory	Decen Hee	F Parry	Persim-	4000
lorthern Unit										and and			(lowell)		A LOCAL		9
Adams	270	1	-	1	1	1	1	1	18	18	ı	ı	14	1	9	ı	8
Allen	732	1	1	1	1	1	ı	1 -	55	78	ı	ı	36	1	8	1	-
Bartholomew	957	ı	1	ı	*	ı	ı	-kt	22	79	ı	-	63	ı	-	1	က
Blackford	145 76	1 1	1 1	1 1	1 1	1 1	1 1	1 1	77	- u	1 1	1 1	N 6	1			-
Boone	174		1 1	1	1 1	1 1	1 1		- -) [1 1				1 1	ı	1 -
Carroll	457	1 1		1 1	1 1		1 1	, -	- 22	47	1 1	1 1	- 6	1 1	- 1		- r
Cass	644	1	1	1	1	-	ı		92	52	1	ı	40	1	7		2- 5-
Clinton	175	1	1	1	1	1	1	. 1	: =	13	ı	1	; =	1		1	10
De Kalb	895	ı	1	ı	1	1	ı	ı	72	119	ı	ı	21	ı	. 00	ı	2.1
Decatur	865	1	1	1	1	1	1	1	20	45	1	1	24	1	-	1	22
Delaware	48	1	ı	1	1	1	1	1	-	က	ı	1	-	1	1	1	*
Elkhart	649	37	1	1	က	18	ı	59	72	9	ı	*	33	ı	2	1	16
Fountain	602	1	1	1	1	-	ı	-	17	17	1	1	24	1	9	1	2
Fulton	338	ı	1	1	-	4	1	S	46	23	ı	ı	80	ı	*	ı	4
Grant	148	ı	ı	ı	ı	1	ı	ı	ω	10	ı	ı	4	ı	ı	1	ı
Hamilton	158	1	1	1	1	1	1	ı	1	1	ı	1	10	1	7	ı	10
Hancock	69	1	1	1	1	1	ı	ı	ı	7	ı	ı	-	ı	ı	ı	-
Hendricks	406	1	1	1	1	1	1	ı	18	37	1	ı	22	1	-	1	2
Henry	118	1	1	1	1	1	ı	ı	2	7	ı	ı	က	1	ı	1	-
Howard	193	1	1	1	1	1	1	1	13	13	1	ı	12	1	7	1	12
Huntington	268	•	i	1	1	1	1	1	22	42	ı	ı	10	1	-	1	2
Jasper	109	1	1	1	1	ı	1	ı	19	-	ı	ı	-	1	1	1	1
Jay	22	1	ı	1	1	1		1	*	*	ı	ı	ı	ı	*	ı	*
Johnson	719	1	ı	1	ı	1	ı	ı	25	103	*	I	20	ı	ı	ı	9
Kosciusko	618	1	1	ı	ı	-	ı	-	22	80	ı	ı	23	1	-	ı	9
La Grange	842	2	ı	I	က	18	I	56	83	108	ı	ı	43	1	2	1	11
La Porte	397	1	1	1	1	2	ı	2	20	47	1	1	19	ı	ı	ı	4
Lake	215	1	ı	1	1	ı	ı	1	19	20	1	1	10	1	1	1	1
Madison	22	1	ı	1	1	ı	ı	ı	က	ო	ı	1	2	ı	-	1	2
Manon	261	ı	ı	ı	1 '	1 3	ı	ı	10	38	ı	*	2	I ·	1	ı	* 1
Marshall	491	1	ı	1	S	29	ı	34	න ල	09	ı	ı	12	t t	4	ı	S.
Miami	673	1	I	I	ı	-	ı	-	42	117	ı	ı	28	ı	2	I	10
Montgomery	695	1	ı	ı	ı	-	1	-	26	30	ı	ı	99	ı	12	ı	Ξ
Newton	129	ı	1	I	ı	1	1	1	27	- 3	ı	ı	- 0	ı	, ,	ı	1 3
Noble	9/9	1	ı	ı	ı	ı	ı	1	20	1. r	ı	ı	35	ı	4	1	12
Pulaski	07	I	ı	1	ı	1 7	I	ı	7 0	o 5	ı	1	4 n	ı	ı	ı	ı
Bandolph	48	1 1	1 1	1 1	1 1	- 1	۱ ۱	- 1	CC I	2 *	1 (1 (ו מ	1 (1 1		1 1
Rush	153	1	ı	1	1	1	1		ı ıc	10			٧		ı	1	4
Shelby	167	ı	1	1	1	1	1	ı	· -	26	ı	1	0 0	ı	ı	1	÷
St. Joseph	374	22	1	1	ı	1	1	ιΩ	38	47	ı	1	17	1	-	1	4
Starke	297	1	1	ı	1	-	1	-	37	14	1	1	O	1	ı	ı	1
Steuben	663	2	1	1	1	1	1	2	58	70	1	1	36	1	9	1	19
Tippecanoe	394	1	1	1	1	-	1	-	45	15	1	1	15	1	7	1	12
Tipton	172	1	1	ı	1	I	1	ı	=	13	ı	ı	10	ı	7	ı	10
Wabash	297	1	ı	I	ı	-	1	-	27	47	ı	ı	o	ı	*	ı	7
Warren	146	1	1	1	1	-	1	-	=	4	ı	1	9	ı	-	1	4
Wayne	162	ı	1	1	1	1	ı	1	4	6	ı	1	2	ı	1	1	က
Wells	79	1	ı	ı	ı	1	ı	1	က	က	ı	ı	N.	ŧ	cu ·	ı	- 1
White	912	1	I	I	ı	- ,	ı	- ,	34	9 5	1	ŧ	4 5	ı		ı	N †
Total	10 272	ı Cu	1	1	1 5	- 0	1		53	1 705	1 *	1	200	1 *	4 5	1	- 0
lota	18,372	00	1	1	71	8	1	144	080'1	1,735		-	844	,T,	13.1 Sho 46 conti	200 00 00	010
														011	able to corre	Jueu ori ilea	(page)

				Softwoods	spo								ardwoods				
Forest Survey Unit	ΗV	Eastern	Jack	Jack Shortleaf	Red	White	Virginia	Total	Soft	Hard	Paper	River				Persim.	
and county	species	redcedar	pine	pine	pine	pine	pine so	softwoods	maple	maple	birch	birch	Hickory	Pecan	Hackberry	000	Repub
Upland Flats Unit																	
Dearborn	517	-	1	1	1	ı	1	-	21	36	1	ı	9	ı			4
Fayette	322	1	-	ı	1	1	1	1	17	31	1	ł	0 0	ı	ı	ı) -
Franklin	874	-	1	1	1	1	1	-	20	58	1	1	23	1	1		30
Jefferson	1,061	-	1	က	1	20	I	23	29	86	1	1	14	I	ı	ı	10
Jennings	3,071	*	1	က	-	1	1	ဇ	41	161	1	2	103	ı	2	1	62
Ohio	159	1	1	ı	1	1	ı	ı	က	17	1	1	5	1	1	1	<u>}</u> 1
Ripley	1,231	*	1	1	1	5	O	14	27	39	I	1	32	1	1	1	31
Switzerland	172	=	1	1	1	*	1	1	5	7	1	1	-	1	1	ı	*
Union	417	1	1	-	-	1	1	1	16	21	1	1	16	1	ı	ı	16
Total	7,824	14	1	2	-	24	6	53	180	455	ì	2	230	1	2	1	190
State total	96,998	390	-	85	38	184	346	1,046	4,329	7,652	*	36	5,864	62	293	-	2,050

(Table 16 continued)

(Table 16 continued on next page)

								Hardwoods	spoo								
Forest Survey Unit and county	Ash	Black walnut Sweetgum	etgum	Yellow- poplar	Tupelo Sycamol	усатоге	Cotton- wood	Aspen	Black cherry	Red oak group	White oak group	Black locust Sa	Black locust Sassafras Basswood	poon	Ken Elm coffe	Kentucky coffeetree hard	Total rdwoods
Knobs Unit																	
Brown	71	64	18	400	1	49	16	1	99	703	381		2	7	*	1	2,212
Clark	79	13	19	190	1	7	12	ı	28	296	215	1	-	2	1	1	1,085
Crawford	176	22	7	380	*	43	*	1	32	623	406	1	က	2	4	1	2,157
Dubois	257	41	69	626	*	102	24	*	40	821	548	1	က	4	18	1	3,268
Floyd	24	11	14	79	ı	2	12	ı	15	108	126	ı	-	S	1	1	455
Harrison	248	36	11	473	ı	29	13	ı	72	824	483	ı	2	Q	5	ı	2,911
Jackson	352	48	51	704	1	47	63	ı	73	1,131	478	ı	2	4	7	ı	3,667
Lawrence	317	53	50	588	4	93	20	*	64	951	391	ı	-	2	10	1	3,295
Monroe	78	64	20	909	1	42	18	ı	70	701	307	ı	က	4	2	ı	2,274
Morgan	89	119	2	540	1	14	4	ı	115	069	325	ı	80	10	*	1	2,395
Orange	247	44	49	665	*	83	24	*	89	903	488	1	*	6	80	ı	3,313
Owen	251	123	37	1,217	-	142	36	*	100	1,268	595	ı	12	16	21	ı	4,861
Perry	159	25	38	285	*	63	5	1	37	509	478	ı	က	6	က	1	2,172
Scott	217	14	55	279	1	53	27	1	27	359	186	1	-	2	က	ı	1,452
Spencer	178	17	26	242	*	40	80	1	34	481	331		က	•	4	1	1,883
Warrick	125	80	29	349	*	30	20	ı	15	437	214	ı	*	1	4	I	1,501
Washington	305	53	82	846	1	92	64	I)	171	1,401	971	1	4	1	12	1	4,957
Total	3,173	755	581	8,369	2	914	364	1	1,028	12,221	6,923	1	54	89	66	ı	43,859
Lower Wabash Unit																	
Clay	188	46	20	797	*	89	27	*	64	959	381	ı	-	16	12	ı	3,167
Daviess	125	35	29	398	-	105	23	-	25	541	219	1	*	1	16	ı	1,992
Gibson	75	က	25	98	-	33	18	-	2	149	66	ı	1	ı	2	ı	712
Greene	152	92	59	775	-	120	33	*	52	1,048	532	1	-	വ	32	1	3,876
Knox	26	1	23	158	-	34	30	-	20	273	159	ı	2	-	-	ı	1,075
Martin	129	34	49	413	-	78	18	-	31	587	272			1	12	1	2,094
Parke	163	69	15	853	*	86	56	ı	45	856	341	ı	17	19	18	ı	3,006
Pike	152	25	45	263	-	58	28	-	20	372	200	1	-	2	4	1	1,593
Posey	18	2	7	36	-	17	10	-	2	81	77	1	1	1	*	1	328
Putnam	137	74	11	727	*	62	28	*	65	750	253	1	6	=	14	1	2,545
Sullivan	29	13	36	292	2	99	20	-	16	330	192	1	-	9	24	ı	1,488
Vanderburgh	69	က	15	62	-	22	16	-	9	110	103	1	*	ı	2		547
Vermillion	22	7	10	124	1	27	19	1	89	176	82	ı	*	9	-	I	569
Vigo	234	39	18	496	-	09	28	-	46	937	615	ı	80	15	36	1	3,103
Total	1,628	437	400	5,482	10	859	356	9	408	7,171	3,523	1	40	80	173	1	26,094
															(Table 16 co	(Table 16 continued on next page,	ext page)

(Table 16 continued)

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								Hardwoods	spo								
Forest Survey Unit		Black		Yellow-			Cotton-		Black	Red oak	Red oak White oak	Black			Kentuck	uck uck	Total
and county	Ash	walnut Sweetgum	veetgum	poplar	Tupelo Sycamore	more	wood	Aspen	cherry	group	group	locust Sa	locust Sassafras Basswood	pool	Elm coffeetree	stree hard	woods
Upland Flats Unit																	
Dearborn	86	21	4	106	1	10	*	1	16	117	65	1	*	2	1	1	517
Fayette	31	O	1	42	1	11	1	1	16	53	80	1	*	က	-	ı	322
Franklin	100	12	-	175	1	16	2	1	20	238	174	1	*	က	*	1	873
Jefferson	166	17	17	240	1	20	1	1	27	277	134	1	*	-	41	ı	1,038
Jennings	360	17	63	029	1	57	13	1	31	921	537	1	-	က	7	1	3,068
Ohio	4	4	1	31	1	*	1	ı	5	43	45	1	-	-	ı	1	159
Ripley	218	S	33	259	1	21	13	1	18	304	214	1	1	2	-	ı	1,217
Switzerland	6	2	1	42	1	-	ı	I	က	51	37	1	1	*	*	ı	160
Union	173	4	-	47	1	11	-	1	4	90	55	1	1	_	1	1	417
Total	1.147	91	121	1,612	_	147	29	-	139	2,054	1,342	1	m	17	6	1	7,771
State total	7.360	2,118	1.122	16,939	12	2,280	1,373	7	2,718	25,784	14,868	-	112	577	386	7	95,953
Less than 500 cubic feet.	feet.																
and may not sum one t	dinning.																

Table 17,--Sawtimber removals (International 1/4-inch rule) from timberland for industrial roundwood by Forest Survey Unit, county, and species group, Indiana, 2000

(In thousand board feet)

				Softwoods	v	ı	ı					ı	Hardwoods		l	ı	I
Forest Survey Unit and county	AII	Eastern redcedar	Jack	Shortleaf pine	Red	White	Virginia pine	Total softwoods	Soft maple	Hard maple	Paper birch	River birch	Hickory	Pecan Hackberry	kberry	Persim- mon	Beech
Knobs Unit						ı											
Brown	11,890	1	1	•	ı	1	1	1	353	641	ı	-	1,119	-		1	189
Clark	5,925	1	1	124	1	23	45	192	230	823	I	1	39	2	ı	1	43
Crawford	11,771	303	*	*	1	17	1	320	255	1,360	ı	*	370	2	ო	*	341
Dubois	17,322	2	*	*	Ξ	11	ı	25	402	1,385	1	Φ	1,228	30	46	*	342
Floyd	2,634	101	1		1	24	45	170	128	126	ı	1	13	2	ı	ı	40
Harrison	15,859	436	1	1	4	19	1	458	499	2,389	1	10	467	2	10	-	314
Jackson	19,238	*	1	က	Ξ	24	109	147	537	1,420	*	59	1,143	-	29	1	524
Lawrence	17,406	1	*	*	-	1	1	-	536	1,521	*	4	1,404	-	5	J	512
Monroe	12,269	1	1	ı	1	1	1	•	360	981	*	က	875	-	9	ı	248
Morgan	12,893	1	1		ı	1	J	1	390	1,099	*	ı	935	-	1	1	115
Orange	17,756	101	*	*	10	Ξ	1	122	573	1,690	1	æ	1,000	32	11	ı	516
Owen	24,859	1	1	1	1	1	1	1	783	1,768	1	-	2,311	-	54	ı	373
Perry	10,854	51	*	*	1	14	1	99	406	1,150	ı	*	863	-	25	*	242
Scott	7,986	*	I	26	4	24	387	512	375	435	ı	10	192	-	10	ı	168
Spencer	10,184	301	*	*	=======================================	139	ı	452	351	1,026	ı	æ	895	30	29	2	312
Warrick	7,946	33	*	*	10	24	1	68	269	545	ı	ω	431	30	24	*	97
Washington	26,445	101	1	131	11	25	48	315	750	2,694	1	29	1,059	2	32	ı	478
Total	233,237	1,428	2	358	71	355	634	2,848	7,504	21,052	2	119	14,341	146	284	3	4,855
Lower Wabash Unit																	
Clay	16,782	1	1	1	1	1	1	1	669	1,019	1	1	878	1	65	I	284
Daviess	10,614	1	*	*	10	10	1	20	989	378	1	φ	775	30	28	1	400
Gibson	3,724	1	*	*	Ξ	-	ı	23	294	111	ı	80	551	31	28	I	100
Greene	19,741	ı	*	*	-	ı	ı	-	884	1,113	1	S	2,498	1	12	ı	496
Knox	5,250	ı	*	*	10	10	ı	20	395	189	I	φ	208	30	31	ı	128
Martin	11,184	1	*	*	10	10	1	20	594	610	1	φ	817	30	10	*	409
Parke	15,614	1	1	1	-	1	1	-	488	859	ı	ო	269	1	80	ı	171
Pike	7,944	1	*		=	11	1	23	437	443	ı	80	950	30	27	0	207
Posey	1,715	1	*	*	1	1	1	-	167	9	ı	*	159	-	15	ı	43
Putnam	13,510	1	1	ı	ı	1	1	1	454	840	1	ı	585	1	50	ı	172
Sullivan	6,797	1	*	*	1	1	1	-	489	438	ı	*	838	1	တ	ı	278
Vanderburgh	2,899	33	*	*	=	25	1	71	219	121	1	80	226	31	23	-	84
Vermillion	3,063	1	1	1	1	I	I	1	107	135	ı	I	146	1	29	ı	37
Vigo	15,708	1	1	1	1	1	1	1	595	878	1	1	925	1	158	1	263
Total	134,547	33	က	ဇ	99	78		183	6,510	7,140	ı	99	10,555	183	565	3	3,073
														+	1 47 2	A Committee of the comm	1000

	Hardw	Paper River birch birch Hicko
		Hard Pap maple bir
		Soft maple
		Total softwoods
		Virginia pine s
		White pine
	spo	Red
	Softwoo	Jack Shortleaf pine pine
		Jack pine
		Eastern redcedar
		Ali species
e 17 continued		st Survey Unit county

				Softwoods	v								Hardwood				
Forest Survey Unit	V Ali	Eastern	Jack S	Shortleaf	Red	White	Virginia	Total	Soft	Hard	Paper	River				Persim-	
and county	species	redcedar	pine	pine	bine	pine	pine	sortwoods	maple	mapie	Dirch	birch	HICKOLY	Pecan H	ackberry	E	Beech
Northern Unit	722								5	Š			7.6		CC		7
Adams	1,432	1	ı	ı	ı	ı	ı	1	- 600	4 00	ı	ı	100	I	3,4	ı	4 - 0
Ratholomous	5,007		1 1	1 1		1 1	1 1	1 -	113	0.00		۱ ۳	335	1 1	+ - c	1 1	1 0 0
Benton	2,130	ı		ı	- 1		ı	- 1	041	† †		ו ס	5		ا ر	1 1	<u>t</u> ư
Blackford	295	I	I	ı	1	1	ı	ı	3 8	800	ı	I	4	ı	ı	1) 1
Boone	931	1	ı	ı	1	ı	ı	1	55	56	ı	ı	29	1	36	ı	59
Carroll	2,443	1	1	ı	1	က	1	က	286	239	1	1	100	ı	36	1	77
Cass	3,452	I	I	ı	1	က	ı	က	388	305	1	I	130	1	37	1	109
Clinton	934	1	1	ı	1	1	1	1	57	99	ı	1	09	1	36	ı	54
De Kalb	4,781	1	1	ı	1	ı	1	ı	368	610	ı	1	273	ı	41	ı	113
Decatur	4,416	I	1	ı	1	1	1	1	101	231	1	1	128	1	80	1	115
Delaware	252	1	ı	1	1	1	1	ı	4	13	ı	ı	7	1	1	ı	-
Elkhart	3,400	168	1	1	17	97	1	282	366	309	1	-	177	ı	13	ı	85
Fountain	3,275	1	1	ı	1	က	1	က	86	85	ı	ı	130	ı	30	ı	25
Fulton	1,805	1	ı	ı	က	22	ı	25	235	118	1	I	45	ı	-	ı	20
Grant	750	1	1	1	1	ı	ı	1	43	51	1	1	24	1	1	1	ı
Hamilton	845	1	1	1	1	ı	1	1	55	56	1	1	54	1	36	1	54
Hancock	366	1	1	1	ı	1	1	1	1	10	1	1	4	1	1	1	4
Hendricks	2.166	1	ı	I	1	1	ı	1	06	188	1	1	119	ı	80	1	-
Henry	627	1	1	ı	ı	ı	1	ı	6	38	ı	ı	15	1	' 1	1	c
Howard	1.034	1	ı	1	1	ı	I	1	99	99	ı	1	62	1	36	1	65
Huntington	1,391	1	1	ı	1	ı	ı	1	114	215	1	1	55	1	9	ı	26
Jasper	582	1	-	ı	1	1	1	1	86	7	1	1	9	1	1	1	1
Jav	118	1	ı	1		1	1	1	2	. 2	1	1	' 1	1	4	1	-
Johnson	3.883	1	ı	ı	1	I	ı	ı	122	637	*	ı	257	ı	ı	ı	25
Kosciusko	3,324	i	ı	ı	ı	n	ı	က	280	414	ı	ı	122	ı	5	ı	30
La Grange	4,483	24	1	ı	17	94	ı	135	425	555	ı	ı	227	1	10	1	58
La Porte	2,103	1	1	1	1	10	1	10	254	240	1	1	102	1	1	1	21
Lake	1,129	1	1	ı	1	1	1	1	66	104	1	1	55	1	1	1	1
Madison	306	1	1	1	1	1	1	1	13	14	1	1	11	1	80	1	11
Marion	1,429	1	1	ı	1	1	ı	1	49	230	ı	-	11	1	I	ı	-
Marshall	2,651	I	1	ı	27	155	ı	182	198	326	1	ı	81	-	21	ı	26
Miami	3,591	ı	1	ı	ı	က	ı	က	217	601	1	1	149	1	-	1	54
Montgomery	3,704	1	ı	ı	ı	က	ı	က	136	155	ı	ı	352	ı	62	1	09
Newton	688	I	I	ı	ı	I	1	ı	140	5 ?	ı	ı	5	ı	1 6	ı	1 2
Noble	3,634	1	I	ı	1	ı	ı	ı	797	416	ı	ı	184	ı	22	ı	64
Porter	1 266	1	I	ı	ı	1 9	ı	۱ ،	170	77	ı	ı	77	1 1	1	1 1	1 1
Polabel	300		ı	ı		2	ı	2	8/-	000	ı	ı	0 7	1	1	1	
Paridolphi	830	1	1	1	1		1	1	1 0	ע ע		1	1 %	1	1 1	1 1	۱ ۳
Shelby	886		1 1	1 1	1	1	l I	1 1	t α	169		1 1	5 5			1	o (*)
St. losenh	1 979	24	ı					2.4	103	240		ı	0 0	ı	ער	ı	20
Starke	1.590	1	I	ı	1	c	1	t es	192	74	1	ı	74	ı)	1	, ,
Steuben	3,527	24	1	1	1	1	ı	24	295	358	1	1	189	1	32	ŧ	101
Tippecanoe	2,122	1	1	1	1	4	I	4	228	77	1	1	62	ı	36	ı	99
Tipton	922	1	1	ı	1	1	ı	ı	55	89	1	1	54	1	36	ı	54
Wabash	1,548	1	1	1	1	က	1	က	138	239	1	1	20	ı	-	ı	35
Warren	792	1	1	ı	1	4	ı	4	57	23	1	1	32	1	∞	ı	21
Wayne	911	1	1	1	1	1	1	1	20	48	1	1	25	1	1	1	17
Wells	385	1	1	1	1	ı	1	1	15	16	1	1	11	1	11	ı	4
White	1,153	ı	1	ŀ	1	က	ı	က	174	31	ŀ	1	22	ı	ω :	I	11
Whitley	3,173	1 !	1	1	1	n	1	0	270	324	1	1	164		19	1	090
Iotai	97,962	240	1	1	64	422	1	726	7,132	9,135		2	4,479	-	969		1,685
															(Table 17 co	atinited on ne	xt nage)

(Table 17 continued on next page)

				Softwoods	sp								Hardwoods	8			
Forest Survey Unit	All	Eastern	Jack	Jack Shortleaf	Red	White	Virginia	Total	Soft	Hard	Paper	River				Persim-	
and county	species	redcedar	pine	pine	pine	pine	pine	softwoods	maple	maple	birch	birch	Hickory	Pecan	Pecan Hackberry	шош	Beech
Upland Flats Unit																	
Dearborn	2,747	က	-	1	1	1	1	ဇ	110	182	-	1	85	1	ı	1	71
Fayette	1,715	1	1	1	ı	1	1	1	86	158	1	ı	102	1	1	1	58
Franklin	4,697	2	1	1	1	1	I	2	104	301	1	ı	123	1	1	1	159
Jefferson	5,444	က	1	14	1	105	1	122	151	444	1	ı	74	ı	1	1	52
Jennings	16,007	-	1	14	4	1	1	19	208	820	1	10	548	I	10	1	420
Ohio	840	1	J	1	1	1	1	1	16	87	1	ı	26	I	I	I	1
Ripley	6,323	-	1	1	1	24	48	73	139	197	1	ı	172	1	1	1	163
Switzerland	899	51	1	1	1	-	ı	51	26	38	1	ı	7	1	1	I	7
Union	2,019	1	1	1	1	1	1	1	82	106	1	1	84	1	1	1	87
Total	40,690	61	1	28	4	129	48	270	922	2,333	ı	10	1,221	-	10	1	1,011
State total	506,436	1,762	2	389	205	984	682	4,027	22,068	39,661	2	190	30,596	330	1,554	9	10,624
															(Table 17 continued on next page)	utinued on n	ext page)

(Table 17 continued)

Marie Mari	State Continue C									==	Hardwoods			1					
987 408 97 2177 - 2 66 95 - 1449 1155 2401 - 27 7 2 6 7 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	375 408 97 2, 2127 - 260 95 - 149 1,529 1,117 - 27 2 2 94 1,177 - 27 2 1,170 - 27 2 95 1,170 - 27 2 1,170 - 2	rest Survey Unit	Ash	Black walnut Sw	menum	Yellow-	Z olegu	Veamore	Cotton- wood	Asnen	Black	Red oak	White oak		accafrac B	poomoon	. E	Kentucky offeetree h	Total
35 408 97 2127 - 260 95 - 144 1559 1170 - 26 95 - 144 1559 1170 - 27 28 30 - 144 1559 1170 - 4 26 - - 143 379 2191 - 14 26 - - 143 379 2191 - 14 26 - - 14 279 287 705 46 - 27 483 28 27 14 27 287 27 14 27 287 27 14 27 287 27 27 287 27 27 289 27 287 27 289 27 289 27 289 289 289 289 289 289 289 289 289 289 289 289 289 289 289 289 289 289 289	375 408 97 2 127 2 127 2 127 2 127 2 127 3 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	obs Unit										A .	1 1 1 1 1					2000000	
387 183 103 1,010 - 28 - 149 1,595 1,70 - 4 26 - - 149 1,595 1,70 - 4 26 - - 149 1,595 1,70 - 4 26 - - 149 1,595 1,70 - 14 26 - - 14 26 - - 14 26 - - 14 26 - - 14 26 - - 14 26 - - 14 26 - 14 26 - 14 26 - 14 26 - 14 26 - 14 26 - 14 26 - 14 26 - 14 26 - 14 26 - 14 26 - 14 26 - 14 26 - 14 26 - 14	987 83 103 1,010 - 2.86	Srown	375	408	97	2,127	1	260	95	ı	364	3,755	2,041	1	27	35	2	1	11,890
1,000 1,00	1,000 13,0	Slark	387	83	103	1,010	I	36	69	ı	149	1,559	1,170	1	4	26	I	I	5,734
1,006 259 379 3734 2 561 140 2 79 434 2,877 - 1 14 26 2,103 15 2,103 - - - - - - - -	1,308 259 379 3734 2 561 140 2 79 434 2.877 4 4 26 1,322 255 257 154 75 251 396 2.877 14 26 1,322 325 37.56 251 154 75 396 4.322 2.573 14 26 1,476 337 264 31.76 251 31.76 396 3.590 2.163 19 3.5 1,475 337 264 31.76 251 31.76 396 3.579 15 3.67 1,475 337 264 31.76 2.22 41.4 2 396 3.647 1.752 15 4.9 1.2 1,471 437 2.66 2.671 2.27 41.4 2 396 3.647 1.752 4.0 5.4 4.1 1,251 780 195 6.167 7.72 1.76 2.90 0.644 2.389 6.2 4.0 4.1 1,271 780 195 6.167 2.79 1.70 2.29 1.004 2.29 1.004 2.29 1.004 1,474 4.75 3.085 4.406 2.79 1.70 1.70 1.70 1,474 4.75 3.085 4.406 2.79 1.70 1.70 1.70 1,474 4.75 3.085 4.406 2.79 1.70 1.70 1.70 1,474 4.75 3.085 4.406 2.70 1.00 3.2 3.640 1.004 2.20 1,474 4.75 3.085 4.406 2.70 1.00 3.2 3.640 1.004 2.20 1,474 4.75 3.085 4.406 2.20 1.00 3.2 3.640 1.004 2.20 1,474 4.75 3.085 4.406 2.20 1.00 3.2 3.640 1.004 2.20 2.00 1,474 4.75 3.085 4.406 2.20 3.08 4.205 3.085 3.	rawford	006	139	38	2,022	*	228	ဗ	ı	174	3,379	2,191	1	15	12	20	1	11,451
1,822 2.5 5.7 2.5 7.1 1.1 6.9 - 7.9 5.6 7.05 - 7.0 4 6.0 - 7.0 1.0	1,26 70 77 421 - 11 69 - 273 2,517 - 4 26 - -	Oubois	1,308	259	379	3,324	2	561	140	2	215	4,348	2,877	1	14	23	96	1	17,297
1,922 2.5 5.7 2.517 - 154 4,322 2.573 - 10 49 10 - 1,492 1,492 2.573 - 10 49 10 - 1,492 1,492 2.573 - 10 49 10 - 1,492 1,692 2.543 - 10 49 10 - 10 49 10 - 10 49 10 - 10 49 10 - 10 49 10 - 10 49 10 - 10 49 10 - 10 49 10 - 10 49 10 - 10 49 10 - 10 49 10 - 10 40 - 10 40 - 10 40 - 10 40 - 10 40 - 10 40 - 10 40 - 10 40 -	1,922 325 57 2,517 - 154 75 - 984 4,332 2,573 - 10 10 9 9 10 - 1	loyd	126	70	77	421	1	11	69	ı	62	267	705	1	4	26	1	1	2,464
1,492 201 273 3,736 - 2 249 124 2 396 5,950 2,649 - 2 27 19 35 - 4 41 414 414 - 2 396 3,749 1,656 - 16 5 41 12 41 41 41 41 41 41	1,482 301 273 3,756 - 2 251 124 2 353 5,950 2,103 - 2 19 35 - 4 41 41 41 41 41 41 4	larrison	1,323	225	57	2,517	I	154	75	1	384	4,332	2,573	ı	10	49	10	1	15,401
1476 337 264 3125 2 422 121 2 355 3,000 2,103 - 54 - - 4,476 1,752 - 15 24 12 - - - 223 104 - 635 3,647 1,752 - 15 24 12 - - - 123 104 - - 123 104 - - 263 3,647 1,752 - 40 54 - - 123 - 203 3,647 1,752 - 40 54 - - 123 - 63 3,647 1,752 - 40 54 - 20 3,647 1,752 - 40 41 - 20 40 41 1 40 41 - 20 40 41 - 20 40 41 - 20 40 41 - 20 40	1,476 337 264 3,125 2,92 121 2,35 5,080 2,103 - 1,94 - 4,13 - 2,43 16,16 - 15 2,103 - 15 1,96 - 15 16 2,64 2 - 1,28 3,647 1,755 - 1,29 4,14 1,28 3,647 1,756 - 1,29 4,14 2 2 6,47 1,626 - 1,29 4,14 2 2,54 1,64 2,99 3,64 1,67 2,667 - 1,67 2 4,14 2 2,67 4,14 2,99 3,64 1,68 1,09 4 1 2 3,64 1,69 1,70 - 2 4	ackson	1,492	301	273	3,736	1	251	374	ı	398	5,950	2,549	ı	27	19	35	ı	19,090
413 407 105 2.64 - 2.23 104 - 396 3.749 1,656 - 15 2.64 2 4 1 - 2 4 1 - 2 4 1 - 2 4 1 - 2 4 1 - 2 4 1 - 2 4 1 - 2 4 1 - 2 4 4 1 4 2 5 4 7 2 6 4	413 407 105 2691 74 23 396 3,749 11656 15 52 4 12 17 1,728 289 289 289 289 30 17 2 897 1,728 289 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	awrence	1,476	337	264	3,125	2	492	121	2	353	5,080	2,103	1	က	10	54	1	17,404
475 755 27 2871 - 74 23 - 635 3647 1,752 - 40 54 2 - 128 128 260 260 - 40 54 2 - 40 41 - 7 128 1,023 - 20 367 - 40 64 41 2 66 7 40 41 2 40 <th< td=""><td> 1,28 2,56 2,60 2,52 2 2,52 2 441 144 2 2 643 4,747 2,647 2,647 2 64 41 2 2 64 41 2 2 64 41 2 2 64 41 2 2 64 41 2 2 64 41 2 2 64 41 2 2 64 41 2 2 64 41 2 2 64 41 2 2 64 41 2 2 64 41 2 2 2 2 2 2 2 2 2 </td><td>Aonroe</td><td>413</td><td>407</td><td>105</td><td>2,691</td><td>ı</td><td>223</td><td>104</td><td>ı</td><td>396</td><td>3,749</td><td>1,656</td><td>ı</td><td>15</td><td>24</td><td>12</td><td>ų</td><td>12,269</td></th<>	1,28 2,56 2,60 2,52 2 2,52 2 441 144 2 2 643 4,747 2,647 2,647 2 64 41 2 2 64 41 2 2 64 41 2 2 64 41 2 2 64 41 2 2 64 41 2 2 64 41 2 2 64 41 2 2 64 41 2 2 64 41 2 2 64 41 2 2 64 41 2 2 2 2 2 2 2 2 2	Aonroe	413	407	105	2,691	ı	223	104	ı	396	3,749	1,656	ı	15	24	12	ų	12,269
1,228 280 260 3,532 2 441 144 2 369 4,787 2,667 - 6 3 49 41 - 1	1228 280 260 3,532 2 441 144 2 369 4787 2667 - 6 6 6 6 6 6 6 6 6	Aorgan	473	755	27	2,871	I	74	23	ı	635	3,647	1,752	ı	40	54	2	ı	12,893
1251 780 195 6167 1 772 176 2 547 6444 2,990 - 65 66 113 -	1251 780 195 6.167 1 772 176 2 547 6.44 2.990 - 6.3 68 113 -	Orange	1,228	280	260	3,532	2	441	144	2	369	4,787	2,667	1	2	49	41	1	17,634
790 155 192 1423 * 299 30 - 200 2,573 2,359 - 17 49 15 - 887 104 135 1,482 - 279 155 - 147 1,004 - 17 2,297 1,702 - 17 - 23 - 23 - 23 - 23 - 23 - 23 - 23 - 23 - 23 - 23 - 23 - 23 - 200 6 6 6 4 - 23 - 23 - 23 - 23 - 200 6 6 6 6 4 - - 23 - - 23 - - - - - - - - - - - - - - - - - - -	790 155 192 1423 * 299 30 - 200 2,573 2,389 - 17 49 15 - 887 104 135 1,482 - 279 155 - 147 1,896 - 17 2,607 - 17 2,607 - 17 2,607 - 17 2,607 - 17 2,607 - 17 2,607 - 17 2,607 - 17 2,607 - 17 2,607 - 17 2,607 - 17 2,607 - 17 2,607 - 17 2,607 - 20 - 20 - 20 - 20 - 20 - 17 2,607 - 20 - 20 - 20 - - 20 - - 20 - - 20 - - - - - - <	Owen	1,251	780	195	6,167	-	772	176	2	547	6,444	2,990	1	63	68	113	ı	24,859
909 90 290 1482 - 279 155 - 147 1,886 1,004 - 6 8 16 - 24 - 147 1,896 1,004 - 6 8 16 - 27 1,202 - 17 - 24 - 27 2,295 1,1702 - 17 - 24 - 24 - 1,26 - 1,26 - 1,27 - 1,702 - 17 - 24 - 24 - 24 - 1,26 - 1,102 - 1,102 - 24 - 24 - 24 - 24 - 24 - 24 - 24 - 24 - 24 - 24 - 24 - 24 - 24 - 24 - 24 - 24 - 24 - 24 - 24<	999 90 292 14482 - 279 155 - 187 1,896 1,004 - 6 8 16 - 6 1 147 1,896 1,004 - 6 1 147 1,896 1,004 - 6 1 147 1,896 1,004 - 6 1 147 1,896 1,004 - 6 1 147 1,896 1,004 - 6 1 147 1,804 - 1 147 1,805 1,122 - 1 1 17 - 2 4 1 1 147 1,805 1,122 - 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	erry	790	155	192	1,423	*	299	30	ı	200	2,573	2,359	1	17	49	15	ı	10,788
887 104 115 1,266 * 207 49 - 183 2,507 1,702 - 17 - 23 - 1,474 335 437 4,495 - 465 377 - 97 2,297 1,712 - 17 - 20 6 6 4 - 1,474 - 20 6 6 4 - 20 6 6 4 - 1,474 - 975 1,182 - 17 - 17 - 17 1,182 - 20 6 6 4 - 18 1,237 1,237 1,186 - 20 6 6 4 - 1,485 1,189 1,184 - 1,484 1,184 - 1,484 1,184 - 1,484 1,184 - 1,484 - 1,484 - 1,484 - 1,484 - 1,484 - 1,484	887 104 135 1,266 * 207 49 - 183 2,567 1,702 - 17 - 23 - 618 52 1,344 335 437 4,495 - 147 - 915 7,371 5,186 - 20 6 64 - 20 1,186 - 20 6 64 - 20 1,148 - 20 6 64 - 20 6 64 - 20 6 64 - 20 6 64 - 20 6 64 - 20 6 64 - 20 6 64 - 20 6 64 - 20 6 64 - 20 6 64 - 20 6 64 - 20 6 64 - 20 6 64 - 20 6 62 7 86 64	scott	606	06	292	1,482	1	279	155	1	147	1,896	1,004	1	9	ω	16	1	7,474
618 5 154 1854 - 159 117 - 77 2.295 1112 - 20 6 64 - 1,474 335 4,395 - 405 377 - 915 7,371 5,186 - 20 6 64 - 15,431 4,779 30.085 4,495 2,120 7 5,632 1,988 - 284 456 57 615 217 370 2,129 3 162 2 342 5,632 1,988 - 7 88 6 64 - 350 217 370 4,295 3 162 2,94 1,144 - 1 - 95 - - 95 - - 96 - - 96 - - - 96 - - - 96 - - - - - - - -	1,174 335	pencer	887	104	135	1,266	*	207	49	ı	183	2,507	1,702	ı	17	ı	23	1	9,733
1,474 335 437 4,495 - 405 377 - 915 7,371 5,186 - 20 6 64 - 15,431 4,779 3,085 44,064 8 4,852 2,120 7 5,833 64,239 36,648 - 20 6 64 - 995 290 123 4,235 2 502 162 2 342 5,032 1,998 - 7 82 65 - 9 615 217 370 2,129 3 584 139 3 144 1,164 - 1 9 - 9 - 9 - 9 - 9 - 9 - 9 - 9 - 9 - 9 - 9 - 9 - 9 - 9 - 9 - 9 - 9 - 9 - 9	1474 335 437 4495 - 405 377 - 915 7,371 5,186 - 20 6 64 - 15,431 4,779 3,085 44,064 8 4,852 2,120 7 5,683 64,239 36,648 - 26 64 - 995 290 123 4,235 2 524 1,164 - 7 82 65 - 350 21 30 4,235 3 173 101 3 29 781 1,164 - 7 82 65 6 <	/arrick	618	52	154	1,854	*	159	117	ı	77	2,295	1,122	ı	-	ı	24	1	7,878
15,431 4,779 3,085 44,064 8 4,852 2,120 7 5,683 64,239 36,648 - 284 456 527 - 995 290 123 4,235 2 502 162 2 342 5,032 1,998 - 7 85 65 - - 9 - 7 85 65 - - 9 - - - 9 - - - 9 - - - 9 - - 9 - - - 9 - - - 9 - - - 9 - - 9 - - 9 - - 9 - - 9 - - 9 - - 9 - - 9 - - - 9 - - - - - - - - -	15.431 4,779 3,065 44,064 6 4,852 2,120 7 5,583 64,239 36,648 - 284 456 527 - 6 615 217 370 2,129 3 584 139 3 135 2,844 1,164 - 1	/ashington	1,474	335	437	4,495	1	405	377	1	915	7,371	5,186	1	20	9	64	1	26,130
995 290 123 4,235 2 502 162 2 342 5,032 1,998 - 7 82 65 - 95	995 290 123 4,235 2 502 162 2 342 5,032 1,998 - 7 82 65 - 65 61 61 2 217 370 2,129 3 173 101 3 29 781 519 - 6 9 9 - 9 9 9 9 9 9 9 9 9 9 9 9 9 9	Total	15,431	4,779	3,085	44,064	80	4,852	2,120	7	5,583	64,239	36,648	ı	284	456	527	1	230,389
995 290 123 4,235 2 502 162 2 342 5,032 1,998 - 7 82 65 - 1 515 217 370 2,129 3 173 1019 3 135 2,844 1,164 - 1 1	995 290 123 4,235 2 502 162 2 342 5,032 1,998 - 7 82 65 - 1 350 217 370 2,129 3 158 4 139 3 135 2,844 1,164 - 1 - 85 - 1 350 21 130 4,935 2 1,29 3 173 101 3 29 781 1,64 - 1 - 9 9 - 1 742 481 314 3,877 3 656 168 2 2,93 5,322 2,680 - 5 15 173 - 89 370 21 130 4,99	er Wabash Unit																	
615 217 370 2,129 3 584 139 3 135 2,844 1,164 - 1	615 217 370 2,129 3 584 139 3 135 2,844 1,164 - 1 - 85 - 1 520 21 130 459 3 101 3 2 29 781 519 - 9 9 - 9 748 1 314 3,877 3 656 168 2 293 5,322 - 680 - 6 5 15 173 - 9 439 70 117 719 4 179 163 3 105 1,351 773 - 8 6 2 8 9 9 7 93 - 1 722 157 232 1,264 4 304 151 3 107 1,858 98 98 1,482 1,331 - 6 9 1	lay	966	290	123	4,235	8	502	162	2	342	5,032	1,998	ı	7	82	65	ı	16,782
350 21 130 459 3 173 101 3 29 781 519 9 - 9 - 742 481 314 3877 3 656 168 2 293 5,322 2,680 - 6 5 15 173 - 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	350 21 130 459 3 173 101 3 29 781 519 9 9 742 181 314 3,877 3 656 168 2 2,680 - 5,680 - 5 5 15 173 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	aviess	615	217	370	2,129	က	584	139	က	135	2,844	1,164	ı	-	ı	85	1	10,594
742 481 314 3,877 3 656 168 2 293 5,322 2,680 - 5 15 173 - 1 4 439 773 14 4,425 179 4 179 163 3 105 1,351 773 - 6 8 2 8 - 65 - 1 65 - 1 63	742 481 314 3,877 3 656 168 2 293 5,322 2,680 - 5 15 173 - 1 4 439 77 179 4 179 163 3 105 1,351 773 - 6 5 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6	ibson	350	21	130	459	က	173	101	က	29	781	519	1	1	1	6	1	3,701
439 70 117 719 4 179 163 3 105 1,351 773 - 8 2 8 - 65 - 1 639 212 275 2,212 3 442 107 3 163 3,122 1,442 - 6 6 6 6 9 97 93 97 93 837 432 1,244 4 304 151 3 107 1,858 982 - 6 6 9 97 93 - 1 722 157 232 1,244 4 304 151 3 107 1,858 982 - 6 6 9 97 93 - 1 728 465 56 3,862 2 330 167 2 345 3,942 1,331 - 50 58 73 - 1 728 465 56 3,862 2 330 167 2 345 3,942 1,331 - 6 6 9 97 97 93 - 1 729 189 1,238 5 313 80 3 88 1,488 847 - 3 15 126 - 9 90 1019 1 1,193 247 88 2,440 4 312 145 3 2,417 36,335 17,980 - 210 372 923 - 13	439 70 117 719 4 179 163 3 105 1,351 773 - 8 2 8 - 65 - 1 639 212 275 2,212 3 442 107 3 163 3,122 1,442 - 65 6 6 6 6 9 6 9 9 9 9 9 9 9 9 9 9 9 9	reene	742	481	314	3,877	ო	656	168	2	293	5,322	2,680	1	2	15	173	1	19,740
639 212 275 2,212 3 442 107 3 163 3,122 1,442 65 - 1 837 432 74 4,425	639 212 275 2,212 3 442 107 3 163 3,122 1,442 - 65 - 65 - 65 - 65 - 7 837 432 74 4,425	nox	439	20	117	719	4	179	163	က	105	1,351	773	1	80	2	80	ı	5,230
837 432 74 4,425 * 517 322 - 237 4,454 1,737 - 89 97 93 - 1 722 157 232 1,264 4 304 151 3 107 1,858 982 - 5 3 23 - 95 10 35 194 3 88 58 3 12 423 402 - 2 - 2 - 2 - 2 - 2 - 2 - 2 - 2 - 2 -	837 432 74 4,425 * 517 322 - 237 4,454 1,737 - 89 97 93 - 1 722 157 232 1,264 4 304 151 3 107 1,858 982 - 5 5 3 23 - 1 728 465 56 3,862 2 330 167 2 345 3,942 1,331 - 50 58 73 - 1 728 465 56 3,862 2 330 167 2 345 3,942 1,331 - 50 58 73 - 1 720 79 189 1,238 5 313 80 3 88 1,488 847 - 3 15 126 - 9 70 193 221 22 76 332 3 112 93 3 32 576 537 - 9 70 1193 247 88 2,440 4 4,657 1,969 32 2,173 36,935 17,980 - 210 372 923 - 13 (Table 17 continued on next)	artin	629	212	275	2,212	က	442	107	က	163	3,122	1,442	1	1	1	65	1	11,163
722 157 232 1,264 4 304 151 3 107 1,858 982 - 5 5 3 23 - 7 95 10 35 194 3 88 58 3 12 423 402 - 5 5 3 23 - 7 1 278 465 56 3,862 2 330 167 2 345 3,942 1,331 - 50 58 73 - 1 270 79 189 1,238 5 313 80 3 88 1,488 847 - 3 15 126 - 9 100 16 46 54 661 - 145 111 - 42 961 437 - 1 30 6 - 1 8.063 2.747 2,134 28,045 40 4,657 1,969 32 2,173 36,935 17,980 - 210 372 923 - 13	722 157 232 1,264 4 304 151 3 107 1,858 982 - 5 3 23 - 7 95 10 35 194 3 88 58 3 12 423 402 - 6 - 7 728 465 56 3,862 2 330 167 2 345 3,942 1,331 - 50 58 73 - 1 270 79 189 1,238 5 313 80 3 88 1,488 847 - 3 15 126 - 9 11 46 54 661 - 145 111 - 42 961 437 - 1 8.063 2.747 2,134 28,045 40 4,657 1,969 32 2,173 36,935 17,980 - 210 372 923 - 13 (Table 17 continued on next)	arke	837	432	74	4,425	*	517	322	ı	237	4,454	1,737	ı	89	26	93	ı	15,613
95 10 35 194 3 88 58 3 12 423 402 * 1 728 465 56 3.862 2 330 167 2 345 3,942 1,331 - 50 58 73 - 1 720 79 189 1,238 5 313 80 3 88 1,488 847 - 3 15 126 - 9 burgh 321 22 76 332 3 112 93 3 22 576 537 - * - 9 1,193 247 88 2,440 4 312 145 3 244 4,780 3,130 - 210 372 923 - 13 8,063 2,747 2,134 28,045 40 4,657 1,969 32 2,173 36,935 17,980 - 210 372 923 - 13	95 10 35 194 3 88 58 3 12 423 402 * 1	ike	722	157	232	1,264	4	304	151	ო	107	1,858	982	ı	5	က	23	ı	7,920
728 465 56 3,862 2 330 167 2 345 3,942 1,331 - 50 58 73 - 1 270 79 189 1,238 5 313 80 3 88 1,488 847 - 3 15 126 - burgh 321 22 76 332 3 112 19 3 3 22 576 537 - 1,193 247 88 2,440 4 312 145 11 - 42 961 4,780 - 210 372 923 - 13 8,063 2,747 2,134 28,045 40 4,657 1,969 32 2,173 36,935 17,980 - 210 372 923 - 13	728 465 56 3,862 2 330 167 2 345 3,942 1,331 - 50 58 73 - 1 270 79 189 1,238 5 313 80 3 88 1,488 847 - 3 15 126 - 270 79 189 1,238 5 313 80 3 82 5,76 537 - 9	osey	98	10	35	194	က	88	58	က	12	423	402	ı	1	1		1	1,714
10 270 79 189 1,238 5 313 80 3 88 1,488 847 - 3 15 126 - 3 15 126 - 3 15 126 - 3 15 126 - 3 15 126 - 3 15 126 - 3 15 126 - 3 15 126 - 3 15 126 - 3 15 126 - 3 15 126 126 12 12 12 145 111 111 111 111 111 111 111 111 111	10 270 79 189 1,238 5 313 80 3 88 1,488 847 - 3 15 126 - 5 15 126 - 5 15 126 - 5 15 126 - 5 15 15 15 15 15 15 15 15 15 15 15 15 1	utnam	728	465	56	3,862	2	330	167	2	345	3,942	1,331	1	20	58	73	1	13,510
burgh 321 22 76 332 3 112 93 3 32 576 537 - * - 9 - 9 - 10 116 46 54 661 - 145 111 - 42 961 437 - 1 30 6 - 1 1193 247 88 2,440 4 312 145 3 244 4,780 3,130 - 41 70 190 - 13 8,063 2,747 2,134 28,045 40 4,657 1,969 32 2,173 36,935 17,980 - 210 372 923 - 13	Purgh 321 22 76 332 3 112 93 3 32 576 537 - • - 9 - 9 - 101 112 93 3 32 576 537 - • - 9 - 9 - 101 112 93 3 32 576 537 - • 1 1 2 9 9 - 101 112 93 113	ullivan	270	79	189	1,238	2	313	80	က	88	1,488	847	1	က	15	126	1	6,797
ion 116 46 54 661 - 145 111 - 42 961 437 - 1 30 6 - 1 30 6 - 1 193 247 88 2,440 4 312 145 3 244 4,780 3,130 - 41 70 190 - 1 8,063 2,747 2,134 28,045 40 4,657 1,969 32 2,173 36,935 17,980 - 210 372 923 - 13	1,193 247 88 2,440 4 312 145 3 244 4,780 3,130 - 1 1 30 6 - 1 1 193 247 28,045 40 4,657 1,969 32 2,173 36,935 17,980 - 210 372 923 - 13 (Table 17 conlinued on next	anderburgh	321	22	92	332	က	112	93	ო	32	929	537	1	4	ı	6	ı	2,829
1,193 247 88 2,440 4 312 145 3 244 4,780 3,130 - 41 70 190 - 18.063 2,747 2,134 28,045 40 4,657 1,969 32 2,173 36,935 17,980 - 210 372 923 - 16.065 17,080 1.065 17,080 1.065 17,080 1.065 17,080 1.065 17,080 1.065 17,080 1.065 17,080 1.065 17,080 1.065 1.065 17,080 17,080	1,193 247 88 2,440 4 312 145 3 244 4,780 3,130 - 41 70 190 - 16 8,063 2,747 2,134 28,045 40 4,657 1,969 32 2,173 36,935 17,980 - 210 372 923 - 16 (Table 17 continued on nex	ermillion	116	46	54	661	I	145	111	1	42	961	437	ı	-	30	9	ı	3,063
8.063 2.747 2,134 28,045 40 4,657 1,969 32 2,173 36,935 17,980 – 210 372 923 – 1	8.063 2.747 2,134 28,045 40 4,657 1,969 32 2,173 36,935 17,980 - 210 372 923 - 1 (Table 17 continued on ne	/igo	1,193	247	88	2,440	4	312	145	က	244	4,780	3,130	ı	41	70	190	1	15,708
		Total	8,063	2,747	2,134	28,045	40	4,657	1,969	32	2,173	36,935	17,980	-	210	372	923	1	134,364

(Table 17 continued)

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orest Survey Unit		Black		Yellow-			Cotton-		Black	Red oak White oak	White oak	Black			Ke	Kentucky	Total
nd county	Ash	walnut Sweetgum	veetgum	poplar		Tupelo Sycamore	poom	Aspen	cherry	group	group	locust \$	locust Sassafras Basswood	poomss	Elm cof	Elm coffeetree ha	ardwoods
Jpland Flats Unit																	
Dearborn	452	130	23	260	1	51	က	1	86	618	344	1	-	27	1	1	2.744
Fayette	164	56	1	221	ı	58	1	1	83	280	431	I	-	14	က	1	1,715
Franklin	532	78	80	928	ſ	86	10	1	110	1,299	940	1	2	14	n	1	4,694
Jefferson	693	113	06	1,276	I	104	1	ı	144	1,464	712	1	2	က	-	1	5,321
Jennings	1,664	113	337	3,558	1	304	75	1	165	4,860	2,839	1	7	14	37	1	15,988
Ohio	23	24	1	167	1	2	1	1	24	228	236	1	4	4	1	1	840
Ripley	963	33	177	1,377	1	114	75	1	86	1,606	1,125	1	1	0	4	1	6.250
Switzerland	48	12	1	224	ş	ဇ	ţ	1	17	272	197	1	1	-	—	1	848
Union	729	24	8	248	1	61	7	ı	22	266	290	1	1	5	ı	1	2,019
Total	5,268	581	641	8,559	ı	782	170	1	750	10,891	7,114	1	16	92	50	1	40,420
State total	35,851	13,354	5,963	88,483	48	12,197	7,969	39	14,625	135,086	78,073	5	597	2,992	2,059	37	502.409

Table 17a.--Sawtimber removals (Doyle rule) from timberland for industrial roundwood by Forest Survey Unit, county, and species group, Indiana, 2000

(In thousand board feet)

			8	Coffinoado											ı	I	
	:		10 1-1	TOO MILE	7		11.11.11					ш	naruwoons				
Forest Survey Unit and county	All	Eastern redcedar	Jack Snortleat pine pin	lear pine	ned pine	wnite	virginia pine s	lotal	Sort maple	Hard maple	Paper birch	HIVer birch	Hickory	Pecan Hackberry	kberry	Persim- mon	Beech
Knobs Unit																	
Brown	8,616	1	1	1	1	1	1	1	255	464	1	-	811	-	1	1	137
Clark	4,294	1	1	06	1	16	33	139	167	969	I	I	28	2	ı	1	31
Crawford	8,530	219	*	*	1	12	1	232	185	985	1	*	268	2	2	*	247
Dubois	12,552	2	*	*	œ	80	ı	18	514	1,004	1	9	890	22	33	*	248
Floyd	1,909	73	ı	1	1	17	33	123	92	91	ı	1	10	2	ı	1	29
Harrison	11,492	316	1	1	ෆ	14	I	332	362	1,731	I	7	338	2	7	-	227
Jackson	13,940	*	1	ന	ω	18	79	107	389	1,029	*	21	828	-	21	1	380
Lawrence	12,613	1	*	*	-	1	1	-	389	1,102	*	က	1,017	-	4	1	371
Monroe	8,890	1	1	1	1	1	1	1	261	711	*	2	634	-	4	1	180
Morgan	9,343	1	ı	1	1	1	1	ı	283	962	*	1	678	-	1	ı	83
Orange	12,866	73	*	*	7	00	1	88	415	1,224	ı	9	724	24	80	I	374
Owen	18,014	1	1	1	1	1	1	1	292	1,281	I	-	1,675	_	39	ı	270
Perry	7,865	37	*	*	1	10	1	48	294	833	1	*	625	-	18	*	175
Scott	5,787	*	1	20	ന	17	280	371	272	315	1	7	139	-	7	1	122
Spencer	7,380	218	*	*	ω	100	1	327	254	744	1	9	649	22	21	-	226
Warrick	5,758	24	*	*	7	17	ı	49	195	395	ı	9	312	22	17	4	70
Washington	19,163	73	1	92	ω	18	35	229	544	1,952	ı	21	767	2	23	ı	346
Total	169,012	1,035	2	259	52	257	459	2,064	5,438	15,255	1	98	10,392	106	205	2	3,518
Lower Wabash Unit																	
Clay	12,161	1	1	1	ı	ı	1	ı	205	739	1	1	637	1	47	1	206
Daviess	7,692	1	*	*	7	7	1	15	497	274	1	9	561	22	20	ı	290
Gibson	2,698	I	*	*	00	89	ı	17	213	80	1	9	399	22	20	1	73
Greene	14,305	1	*	*	-	ı	ı	-	641	908	1	4	1,810	1	0	1	360
Kno×	3,805	I	*	*	7	7	1	15	286	137	1	9	368	22	22	1	93
Martin	8,104	I	*	*	7	7	1	15	431	442	ı	9	592	22	7	*	296
Parke	11,315	I	ı	ı	-	1	1	-	354	623	1	2	505	1	58	1	124
Pike	5,756	1	*	*	80	80	1	17	317	321	ı	9	688	22	20	2	150
Posey	1,243	1	*	*	1	1	1	*	121	4	1	-be	115	-	11	ı	31
Putnam	9,790	1	1	ı	1	ı	ı	I	329	609	ı	ı	424	1	36	ı	125
Sullivan	4,926	I	*	*	1	1	1	*	354	317	1	de	209	1	7	1	202
Vanderburgh	2,101	24	*	44	ω	18	1	51	159	88	1	9	164	22	17	*	61
Vermillion	2,220	ı	I	1	1	1	1	1	78	86	1	1	106	ı	21	ı	27
Vigo	11,383	1	_	1	1	1	1	-	431	636	1	1	029	1	115	1	191
Total	97,498	24	2	2	48	56	1	132	4,717	5,174	1	40	7,648	132	409	2	2,227

Table 17a continued)																	
				Softwoods	spo								Hardwoods				I
Forest Survey Unit	All	Eastern	Jack S	Jack Shortleaf	Red	White	Virginia	Total	Soft	Hard	Paper birch	River	Hickory	Pecan Hackberry		Persim- mon	Beech
Northern Unit																	
Adams	1,038	I	ı	1	ı	1	1	1	99	89	ı	ı	55	1	24	1	29
Allen	2,816	1	ı	1	ı	ı	1	ı	204	288	I	ı	137	1	30	ı	43
Bartholomew	3,723	1	1	1	-	ı	ı	-	82	320	1	2	243	1	2	1	10
Benton	563	1	1	1	1	1	1	1	101	4	1	1	7	1	1	1	က
Blackford	214	I	1	1	1	ı	1	1	24	24	ı	ı	10	1	ı	1	1
Boone	675	1	1	1	1	1	1	1	40	41	1	1	42	1	26	1	42
Carroll	1,770	1	1	1	ı	2	I	2	207	173	ı	ı	72	1	26	ı	56
Cass	2,502	' 1	1	1	1	2	1	2	281	221	ı	ı	94	1	27	1	79
Clinton	677	ı	ı	1	1	ı	I	ı	41	48	ı	ı	44	1	26	ı	39
De Kalb	3,464	1	1	1	1	1	1	1	267	442	1	1	198	1	30	1	82
Decatur	3,200	1	1	1	ı	1	I	1	74	167	1	1	93	1	9	1	83
Delaware	183	1	1	1	1	1	I	1	က	10	ı	1	2	1	1	1	-
Elkhart	2,464	122	1	1	12	71	1	204	266	224	1	-	128	1	6	ı	61
Fountain	2,373	I	1	1	1	2	1	2	62	61	1	1	94	1	22	1	18
Fulton	1,308	1	1	1	2	16	1	18	170	85	1	1	33	1	-	1	15
Grant	543	1	1	1	1	1	1	1	31	37	1	1	17	1	1	ı	1
Hamilton	612	1	1	1	1	1	1	1	40	41	ı	1	39	1	26	1	39
Hancock	265	1	ı	1	1	1	1	1	1	7	1	ı	က	1	1	ı	ო
Hendricks	1,569	1	1	1	1	1	ı	1	65	136	1	1	98	1	5	ı	ω
Henry	454	1	1	1	1	1	1	1	7	28	1	1	Ξ	1	1	ı	2
Howard	750	1	1	1	1	1	1	1	48	48	1	1	45	1	26	ı	47

pext pag	in led on r	able 17a cont	(L)													
1,22	1	504	-	3,245	4	*	6,620	5,168	526	1	306	46	-	-	174	70,987
7	1	14	1	119	-	1	235	196	2	-	2	1	1	1	1	2,299
	ı	2	ı	16	ı	ı	23	126	5	1	2	ı	ı	ı	1	836

Table 17a continued on next pag

111* 1111111111111111111111111

				Softwoods	Spo								lardwoods	9			
Forest Survey Unit	nit AII	Eastern	Jack	Jack Shortleaf	Red	White	Virginia	Total	Soft	Hard	Paper	River				Persim-	
and county	species	redcedar	pine	pine	pine	pine	pine	softwoods	maple	maple	birch	birch	Hickory	Pecan Hack	Hackberry	mon	Beech
Upland Flats Unit																	
Dearborn	1,990	2		1	1		1	2	80	132	1	•	62	1	1	-	52
Fayette	1,243	ı	1	1	1	-	1	1	62	115	1	1	74	1	1	1	42
Franklin	3,403	2	1	1	1	1	1	2	75	218	ı	1	89	1	1	1	115
Jefferson	3,945	2	1	10	1	92	1	88	109	322	1	1	53	1	1	1	38
Jennings	11,599	-	1	10	က	1	1	13	150	594	ı	7	397	1	7	1	305
Ohio	609	1	I	1	1	I	1	I	11	63	ı	1	19	1	1	1	1
Ripley	4,582	-	I	1	1	17	35	53	101	143		1	125	1	1	1	118
Switzerland	652	37	I	1	1	*	1	37	19	28	ı	ı	S	1	1	1	-
Union	1,463	1	1	1	1	1	1	ı	59	77	1	ı	61	ı	1	1	63
Total	29,486	44	1	21	3	94	35	196	899	1,691	1	7	885	1	7	1	733
State total	366,983	1,277	4	282	148	713	494	2,918	15,991	28,740	2	138	22,171	239	1,126	2	7,698
															(Table 17a continued on next page)	intinued on n	ext page)

(Table 17a continued)

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								I	Hardwoods							ı	I
Forest Survey Unit and county	Ash	Black walnut S	Sweetgum	Yellow- poplar	Tupelo Svcamor	vcamore	Cotton- wood	Aspen	Black	Red oak	White oak	Black locust Sa	Sassafras Basswood	poomss	Kel Elm coff	Kentucky coffeetree ha	Total
Knobs Unit																	
Brown	271	296	71	1,542	i	188	69	1	263	2,721	1,479	1	20	25	-	1	8,616
Clark	281	09	75	732	ı	26	20	I	108	1,130	848	ı	3	19	1	1	4,155
Crawford	652	100	27	1,465	*	165	2	ı	126	2,448	1,588	ı	11	o	14	ı	8,298
Dubois	948	187	275	2,409	-	406	101	-	156	3,151	2,085	1	10	17	20	1	12,534
Floyd	91	51	56	305	ı	80	20	1	57	411	511	1	က	19	1	1	1,786
Harrison	959	163	41	1,824	I	112	54	ı	278	3,139	1,865	I	7	35	7	ı	11,160
Jackson	1,081	218	198	2,707	1	182	271	ı	288	4,312	1,847	1	19	14	26	ı	13,834
Lawrence	1,070	244	191	2,265	-	356	88	-	256	3,681	1,524	I	2	7	39	ı	12,612
Monroe	299	295	92	1,950	1	162	75	ı	287	2,717	1,200	ı	11	17	6	ı	8,890
Morgan	342	547	20	2,080	ı	53	17	I	460	2,643	1,270	1	29	39	-	1	9,343
Orange	890	203	188	2,560	-	320	104	-	268	3,468	1,933	1	2	35	30	ı	12,778
Owen	206	595	141	4,469	-	260	127	2	396	4,670	2,166	I	46	49	82	1	18,014
Perry	573	112	139	1,031	*	217	22	1	145	1,865	1,709	1	12	35	11	1	7,818
Scott	629	65	212	1,074	*	202	112	1	106	1,374	727	1	4	9	12	1	5,416
Spencer	643	75	86	918	*	150	35	1	133	1,817	1,234	1	12	1	17	ı	7,053
Warrick	448	38	112	1,344	*	115	85	1	56	1,663	813	I	-	1	17	1	5,709
Washington	1,068	243	317	3,257	1	294	273	1	663	5,341	3,758	1	14	4	46	ı	18,934
Total	11,182	3.463	2.235	31.930	9	3,516	1,536	5	4,045	46,550	26,557	-	206	330	382	1	166,948
Lower Wabash Unit																	
Clay	721	210	89	3,069	-	364		-	248	3,647	1,448	I	2	59	47	I	12,161
Daviess	446	157	268	1,542	2	423		2	96	2,061	844	1	-	1	61	1	7,677
Gibson	254	15	94	333	2	126		2	21	999	376	ı	1	ı	9	ı	2,682
Greene	538	348	228	2,809	0	476	122	-	212	3,856	1,942	I	4	11	125	ı	14,304
Клох	318	20	85	521	က	130		2	92	979	260	1	9	2	9	I	3,790
Martin	463	154	200	1,603	2	320		2	118	2,262	1,045	I	1	1	47	ı	8,089
Parke	209	313	54	3,206	¢	375		1	172	3,227	1,259	1	64	20	29	1	11,314
Pike	523	114	168	916	က	220		2	78	1,347	712	1	က	2	17	1	5,739
Posey	69	7	25	140	2	63		2	o	307	291	1	1	1	*	ı	1,242
Putnam	528	337	40	2,798	-	239		-	250	2,857	965	1	36	42	53	ı	9,790
Sullivan	196	58	137	897	က	227		2	63	1,078	614	1	2	11	91	1	4,925
Vanderburgh	233	16	55	240	0	81		2	23	418	389	1	*	1	9	ı	2,050
Vermillion	84	33	39	479	1	105		I	30	969	317	I	-	21	4	ı	2,220
Vigo	865	179	64	1,768	3	226		2	177	3,464	2,268	I	30	51	137	1;	11,383
Total	5,843	1,991	1,546	20,323	29	3,375	1,	23	1,574	26,764	13,029	1	152	270	699	-	97,365
														:	(Table 17a c	(Table 17a continued on next page)	next page)

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10 10 10 10 10 10 10 10	rorest survey only and county	Ash	walnut Swe	eetgum	poplar	Tupelo Sycam	<u>ة</u>		v)	cherry			-	_	poomss		feetree h	ardwoods
189 189	Northern Unit	70	7		50		7.0	22		o F	281	910		1	00	a		1 030
14 14 14 14 15 14 15 14 15 14 15 14 15 14 15 14 15 14 15 14 15 14 15 15	Allen	339	240		- 52	1 1	62	5 15		104	702	470	l 1	1 1	88	o - C	ı m	2,816
1	Bartholomew	119	143	10	579	1	30	16	ı	169	1.251	732	ı	c	0 10	. ~) 1	3.723
10 10 10 10 10 10 10 10	Benton	4	2	. 1	36	1	4	103	1	9	133	159	1	1	ı	ı	ı	563
42 36 36 37 37 38 38 38 38 38 38	Blackford	10	4	1	က	1	=	9	1	2	46	20	1	1	1	1	1	214
10 128 18 18 18 18 18 18 1	Boone	42	36	1	74	1	32	43	ı	44	72	101	ı	1	39	ı	ı	675
15 128	Carroll	85	98	1	87	ı	37	166	ı	121	297	258	ı	1	71	15	ı	1,768
46 38 28 40 72 103 40 72 103 40 40 72 103 40	Cass	115	128	*	140	1	09	275	1	171	418	362	1	-	93	33	1	2,499
289 286 34 8 1 8 1 8 1 8 1 8 1 8 1 9 1 8 1 9 1 8 1 9 1	Clinton	46	38	ı	28	1	59	40	ı	46	79	103	1	-	40	ı	ı	229
18	De Kalb	289	256	1	111	ı	93	81	1	138	782	574	ı	-	78	40	ო	3,464
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131 157 6 1267 148 157 184 1490 1247 12 15 16 1269	Delaware	15	2	1	24		-	ı	1	80	51	29	1	1	-	-	ı	183
15 143 15 15 15 15 15 15 15 1	Elkhart	131	22	9	257	1	48	57	ı	184	490	247	7	2	09	25	ო	2,259
48 43 43 44 45 45 45 45 45	Fountain	92	143	23	476	1	121	150	1	32	719	321	ı	ო ·	27	9 (ı	2,371
115 35 41 1 1 1 1 1 1 1 1	Fulton	48	43	*	55	1	16	134	I	104	282	256	ı	-	36	œ (I	1,290
42 35 - 41 29 40 43 39 - 39 - 39 - 44 14 - 29 40 43 193 - 39 - 40 41 - 39 - 40 41 - 41	Grant	115	35	1	Φ		12	7	1	10	126	137	ı		5	m	ı	543
71 14 - 24 - 2 - - 15 - - 14 - <td>Hamilton</td> <td>42</td> <td>35</td> <td>1</td> <td>41</td> <td>1</td> <td>29</td> <td>40</td> <td>ı</td> <td>43</td> <td>64</td> <td>63</td> <td>1</td> <td>ı</td> <td>39</td> <td>I</td> <td>I</td> <td>612</td>	Hamilton	42	35	1	41	1	29	40	ı	43	64	63	1	ı	39	I	I	612
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46 22 86 2 79 145	Hendricks	71	130	1	293	1	9	7	ı	128	463	152	ı	က	14	1 '	I	1,569
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170 176 17 149 - 39 53 - 418 628 144 - 1 61 13 143 16 649 373 - 1 61 13 61 13 61 13 61 13 61 13 61 13 61 14 -	Marshall	72	120	1	107	1	21	4	ı	200	542	189	ı	-	47	12	ı	1,790
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120 82 * 59 - 24 33 - 106 174 133 - * 35 18 23 15 - 77 - 53 136 - 14 49 95 - 8 - <td>Tipton</td> <td>51</td> <td>39</td> <td>1</td> <td>50</td> <td>1</td> <td>59</td> <td>40</td> <td>ı</td> <td>49</td> <td>92</td> <td>102</td> <td>l</td> <td>i</td> <td>39</td> <td>1</td> <td>ı</td> <td>899</td>	Tipton	51	39	1	50	1	59	40	ı	49	92	102	l	i	39	1	ı	899
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43 22 5 49 - 13 5 - 23 259 155 - - 3 1 91 5 - - - 4 2 - 6 58 64 - - 8 - 26 11 - 19 - 8 11 - 1 9 - 256 189 - 79 - 42 45 - 169 472 349 - 1 62 23 5,137 3,803 75 5,663 * 1,381 2,689 - 4,435 16,682 11,834 4 63 1,502 405 (Table)	Warren	23	15	1	77		53	136	ı	14	49	98		ı	∞	ı	ı	571
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Frozet Survey Unit Black Mainut Sweetgum Yellow- poplar Tupelo Sycamore and county Cotton- mainut Sweetgum Black Mainut Sweetgum Yellow- poplar Tupelo Sycamore and county Cotton- mainut Sweetgum Spean of county of county Franching Sassafras Black Mainut Sweetgum Yellow- poplar Tupelo Sycamore and county Cotton- mainut Sweetgum Spean of county of county Tupelo Sycamore and county Aspen of county of county Elack Mainut Sweetgum Tupelo Sycamore and county Aspen of county of county Tupelo Sycamore and county Aspen of county of county Tupelo Sycamore and county Tupelo Sycamore and county Aspen of county of county Tupelo Sycamore and county Aspen of county of county Tupelo Sycamore and county Tupelo Sycamore and county Aspen of county of county Tupelo Sycamore and county Tupelo Sycamore and county Aspen of county Tupelo Sycamore and county Aspen of county of county of county Tupelo Sycamore and county	Table 17a continued)									Hardwoode								
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Ash walnut Sweetgum poplar Tupelo Sycamore wood Aspen cheft 448 249 - 1 20 -	Forest Survey Unit		Black					Cotton-		Black	Red oak	White oak	Black Driet	Saccafrac Rac	poomsa	Elm coffeet	ree hard	spoomp
Se Unit 327 406 - 47 - 60 203 313 - 1 20 - - - 60 203 313 - 1 20 - - - 60 203 313 - 1 10 2 - - - 60 203 313 - 1 10 2 - - - 60 203 313 - 1 10 2 - - - 60 941 681 - 1	and county	Ash	wainut Sv	veetgum		Tupelo \$	Sycamore	роом	Aspen	cherry	droab	dnosb	icasi					
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386 56 5 672 - 62 7 - 62 1 - 104 1,061 516 - 1 1 2 1 - 1 1 2 1 - 1 1 2 1 - 1 1 2 1 1 2 1 1 2 1 1 2 1 1 2 1 1 2 1 1 2 1 1 2 1 1 1 2 1 1 2 1 1 2 1 1 1 2 1 1 1 2 1 1 1 2 1 1 1 1 2 1 1 1 1 1 1 2 1	Favette	119	41	•	091		7+	1		000	0.41	681	1	-	10	7	1	3,402
502 82 65 924 - 75 - 104 1,061 516 - 10 1,206 82 244 2,578 - 220 55 - 120 3,522 2,057 - 5 10 1,206 82 244 2,578 - 220 55 - 120 3,522 2,057 - 5 10 1,206 82 244 2,578 - 220 55 - 120 3,522 2,057 - 5 10 1,206 82 244 2,578 - 220 55 - 10 1,206 82 244 2,578 - 220 55 - 10 1,206 82 244 2,578 - 120 3,522 2,057 - 6 3 1,163 815 - 6 3 1,163 815 - 6 3 1,163 815 - 12 66 36 - 2 1,206 1,192 27 36	Franklin	386	56	2	672	1	62	,	1	90	1+6	- 6			c		1	3.856
1,502 82 244 2,578 - 20 55 - 120 3,522 2,057 - 5 10 27 - 1 1,506 82 244 2,578 - 20 55 - 120 3,522 2,057 - 5 10 27 - 1 1,506 82 244 2,578 - 2 - 18 165 171 - 3 3 3 1 1 1,63 815 6 6 3 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	FIRITION	0 1) (100		75	1	1	104	1,061	516	1		7			0000
1,206 82 244 2,578 - 220 55 - 120 3,522 5,737 - 3 3 3 121 1,163 815 - 6 3 - 6 3	Jefferson	205	82	9	324		2			00	0 500	2 057	1	LC:	10	27	1	11,586
1,200 1,201 1,202 1,203		1 206	82	244	2.578	1	220	22	1	120	3,022	7,00,7		0 0	c		1	609
17 17 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	Seminings	003,-			101		0	1	1	18	165	1/1	ı	2	2	'		
698 24 128 998 - 83 54 - 71 1,10 1,10 1,10 1,10 1,10 1,10 1,10 1	Ohio	17	1/	1	171		7			7.4	1 163	815	1	1	9	ო	-	4,529
1d 35 8 - 162 - 2 - 13 197 143 4 2 - 2 - 2 2 2 2 2 2 2 2 2 2 2	Soloid	808	24	128	866	1	83	54	1	-	201,	2 .			-	-	1	614
35 8 17 5 180 - 44 5 - 16 193 210 4 7 5 - 2 8 8 8 8 8 155 6 8 8 7 8 8 8 8 10.598 97.888 56.575 4 433 2.168 1,492 27 36 25.979 9.677 4,321 64,118 35 8.839 5,775 28 10.598 97.888	(aldiu	0 0	1		160	,	0	1	1	13	197	143	1	1				7 400
528 17 5 180 - 444 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5	Switzerland	35	œ.	1	701		;			16	103	210	1	1	4	1	1	1,403
3.817 421 464 6.202 - 567 123 - 543 7.888 56,575 4 433 2,168 1,492 27 25,979 9,677 4,321 64,118 35 8,839 5,775 28 10,598 97,888 56,575 4 433 2,168 1,492 27	Union	528	17	2	180	1	44	n	1		1	0 4 5 5		12	99	36	1	29,290
25,379 9,677 4,321 64,118 35 8,839 5,775 28 10,598 97,888 56,575 4 433 2,108 1,492 2,7	Lator	3 817	421	464	6.202	1	295	123	1	543	7691	0,100		100	0.7	4 400	27	364 065
25,979 9,677 4,321 64,118 35 8,839 5,773 50	Lorai	0.0	- 3				0000	277.2	80	10 598	97 888	56.575	4	433	2,168	1,492	17	200,
	State total	25,979	9,677	4,321	64,118	35	8,839	0,770	0.7	20,0								
	 Less than 500 board fee 	نيه																
* Less than 500 board feet.																		

Less than 500 board feet.
 Table may not sum due to rounding.

Table 18.--Harvest residue generated by industrial roundwood harvesting from timberland by Forest Survey Unit, county, and species group, Indiana, 2000

(In thousand cubic feet)

				3600000												١	
:				00000100								ш	e do	0			
Forest Survey Unit and county	All	Eastern redcedar	Jack Snortiear	ilear pine	ned plne	white	virginia pine	lotal softwoods	Soft maple	Hard maple	Paper birch	River	Hickory	Pecan Hackberry	ckberry	Persim- mon	Beech
Knobs Unit																	
Brown	1,497	1	1	1	1	ı	1	1	49	68	1	*	158	•	1	1	27
Clark	772	1	ı	29	1	5	Ξ	45	32	111	ı	I	2	*	ı	\$	9
Crawford	1,510	36	*	*	1	4	1	40	35	176	1	*	51	*	*	*	48
Dubois	2,103	*	*	*	က	က	1	9	83	165	I	-	165	4	7	*	47
Floyd	327	13	ı	ı	I	9	11	29	18	16	1	1	-	*	ı	1	9
Harrison	2,090	22	1	I	-	4	I	09	69	322	1	-	63	*	-	*	44
Jackson	2,525	*	1	-	2	9	25	34	74	177	*	4	161		4	1	75
Lawrence	2,230	1	*	*	*	I	ı	*	74	185	*	-	198	*	-	1	73
Monroe	1,537	1	1	ŧ	ı	1	1	1	50	103	*	*	123	*	-	1	35
Morgan	1,617	1	1	ı	I	I	I	1	54	122	*	I	132	*	1	ı	16
Orange	2,249	13		*	2	က	1	18	79	204	1	-	142	4	0	ı	73
Owen	3,187	1	1	1	1	I	ı	1	96	216	1	*	324	*	φ	ı	50
Perry	1,082	2	*	*	1	ဗ	1	80	33	116	1	*	20	*	4	*	25
Scott	1,070	*	t	23	_	9	89	118	51	99	1	-	27	*	-	ı	24
Spencer	1,314	38	*	*	က	33	1	73	44	134	1	-	117	4	4	*	43
Warrick	1,074	4	*	*	2	9	ı	12	37	75	1	-	61	4	က	*	14
Washington	3,415	13	1	31	2	9	11	63	103	357	1	4	149	*	2	ı	29
Total	29,599	176	-	84	17	83	147	507	980	2,602	*	17	1,948	18	40	*	673
Lower Wabash Unit																	
Clay	2,219	1	1	1	I	I	1	1	88	137	1	1	125	1	တ	1	40
Daviess	1,382	1	*	*	Ŋ	Ø	1	2	86	20	1	-	110	4	4	I	57
Gibson	504	1	*	*	က	က	I	5	40	15	1	-	78	4	4	1	14
Greene	2,556	1	*	*	*	1	1	*	112	147	1	-	351	1	N	1	68
Knox	683	1	*	*	2	2	1	5	54	25	1	-	20	4	4	1	17
Martin	1,436	1	*	*	Ø	Ø	1	5	74	81	1	-	116	4	-	*	58
Parke	2,058	1	1	1	*	I	1	*	99	117	1	*	98	ı	11	ı	24
Pike	1,046	1	*	*	က	က	1	2	69	09	1	-	133	4	4	*	28
Posey	228	I	×	*	ı	I	1	*	23	-	I	*	22	*	2	ı	9
Putnam	1,800	1	1	1	I	I	1	1	63	115	1	1	83	1	7	ı	25
Sullivan	826	I	*	*	ı	I	1	*	25	99	ı	*	114	1	-	ı	37
Vanderburgh	390	4	*	*	က	9	1	13	30	17	1	-	32	4	က	*	12
Vermillion	389	1	1	1	ı	1	1	1	15	18	ı	ı	21	1	4	1	5
Vigo	2,077	1	1	1	ı	1	-		81	119	1	1	129	-	23	1	36
Total	17,593	4	-	1	15	18	1	39	848	960	1	8	1,481	26	80	×	427
															(Table 18 continued on next page)	ntinued on n	ext page)

Marcon M	Forest Survey Unit and county	Ail	Eastern redcedar	Jack Sh pine	Shortleaf	Red	White	Virginia pine	Total softwoods	Soft	Hard	Paper birch	River birch	Hickory	Pecan Hackberry	Persim- y mon	Beech
	rthern Unit																
6.00	Adams	188	ı	1	I	1	1	1	1	12	13	-	I	11			
90	Allen	485	1	1	1	1	1	1	1	39	22	-	I	27			
100 100 100 100 100 100 100 100	Bartholomew	645	1	1	I	*	1	I	*	15	45	1	*	47			
10.20 10.20	Benton	100	1	1	1	1	ı	1	1	19	- 1	ı	1				
4122 4124 4125 4126 4126 4126 4127 4127 4127 4127 4127 4127 4127 4127	Blackford	39	I	ı	I	1	ı	1	I	4	2	I	1	5		1	
44.15	Boone	122	ı	ı	I	ı	1 '	1	1 '	ω (Φ (ı	ı	ω ;		l L	•
600	Carroll	315	ı	ı	I	I	- ,	I	- ,	33	m •	I	ı	14	ı	S	
9.57	Cass	444	I	I	I	I	-	1	-	53	42	ı	ı	9	1	5 1	_
8.91 8.92 8.93 8.94 8.95 8.95 8.95 8.95 8.95 8.95 8.95 8.95	Clinton	122	ı	I	I	I	I	I	1	α0 <u>τ</u>	0.5	1	ı	0 0	ı	2	,
9.87 9.87 9.88 9.89 9.80	De Kaib	909	1	ı	I	1	I	I	1	51	8 0	1	1	33		9 7	- '
4.65 2.1	Decatur	571	I	I	I	I	ı	I	I	14	31	1	I	18	I	-	
466 21	Delaware	33	1 ;	I	I	1	1 }	1	1 3	- :	2	I	1 -	- !	•	1	
9.86	Ikhart	466	21	I	I	4	23	I	48	20	43	I	*	25		2 .	
286	ountain	401	1	ı	1	1	-	1	-	12	12	1	1	18		4	
100 100 100 100 100 100 100 100 100 100	ulton	236	1	-	1	-	2	I	9	32	16	1	I	9		1	
170	Srant	92	1	ı	ı	ı	1	I	1	9	7	ı	ı	က			
247 248 249 249 240 241 242 242 242 242 242 242 243 244 242 242	Hamilton	110	I	1	1	ı	ı	I	ı	80	80	ı	1	80		- 2	
228	Hancock	47	1	1	I	ı	1	1	1	1	-	1	ı	-	ı	1	
182	Hendricks	278	ı	ı	I	ı	I	I	ı	12	56	ı	ı	17	I	-	
175	Henry	82	1	ı	I	I	I	I	1	-	2	1	1	2	•		
75 75 16 30 8 17 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7	Howard	135	ı	ı	I	I	I	I	ı	6	6	1	1	6			
75	Huntington	177	1	1	I	ı	ı	1	1	16	30	1	1	80	1	-	
12.59	asper	75	I	I	I	I	1	I	ı	13		I	I	-	ı	1	
424 4.24 4.24 4.24 4.25 4.24 4.25 4.25 4	ay	15	1	ı	ı	I	1	I	1	. !	* (Li	ı	1 (
841	ohnson	424	I	ı	I	I	1.	I	1 '	17	თ :	k	ı	32			
283 5 5 6 6 7 6 7 7 7 7 7 7 7 7 7 7 7 7 7 7	osciusko	410	1 4	ı	ı	Ι,	- 0	1	- 0	80 (8)	55	ı	1	17			
152	a Grange	283	n	ı	I	4	22	I	62	000	000	I	I	32			
102	a Porte	6/7	1	ı	ı	1	N	1	7	65	0 1	1	1	0			
168	ake	761	ŧ	ı	I	I	I	I	ı	4 (<u>4</u> C	I	I	0 +			
342	larion	0,4				1	1 1			7 1	7 4		l *	- 0			
461 489 489 489 489 489 489 489 48	farchail	342	1	-	-	y	36	1	43	27	3.5	1	1	100			
9.9 489 5.1 5.2 5.2 5.2 5.2 5.2 5.2 5.2 5.2 5.2 5.2	fiami	461	1	ı	ı) 1	2 -	I	-	30	28	I	1	21			
454	ontaomery	489	1	-	ı	1		1	-	19	21	1	1	50			
454	ewton	88	1	-	1	1	1	1	1	19	-	1	1	-			
175	loble	454	1	1	1	1	1	1	1	35	57	ı	1	26			
175 1 1 - 25 7 3 4 1 1 10 10 1 10 1 10 1	orter	54	1	1	I	1	I	1	ı	2	4	I	1	ဇ			
17	ulaski	175	1	I	ı	ı	-	1	-	25	7	1	1	4			
101	landolph	17	1	ı	1	ı	I	1	ı	1	*	1	1	1			
100	lush	101	1	ı	I	ı	1	1	1	က	9	1	1	4			
259 3	helby	100	I	I	ı	I	I	I	I	-	Φ	1	1	2			
202 - 1	it. Joseph	259	က	I	1	I	I	1	က	27	33	1	1	13		-	
454 3 41 49 - - 27 - 5 - 120 - <	tarke	202	ı	ı	1	1	-	I	-	26	10	1	1	7		1	
100e	teuben	454	က	1	1	1	1	1	ന	41	49	1	1	27		1 2	_
120 1 1 19 33 8 5 1 1 19 19 3	ippecanoe	271	1	1	I	I	-	I	-	31	11	1	1	11		2	
198	ipton	120	1	ı	ı	ı	1 1	1	1 '	Φ (D (ı	1	n cc		ο,	
102 -<	Vabash	198	ı	I	I	1		I		<u> </u>	n c	I	1			; , -	
50	varren	201	1		ı	ı		ı	-	0	ו מ	ı	ı	4 •			
50	/vayne	900	ı	I	ı	1	I	1	ı	n (I	I	4 (
150 = 1 24 4 = 2 3 = 3 = 402 = 15 99 = 12426 30 = 15 99 = 12426 30 = 15 99 = 12426 30 = 15 99 = 12426 30 = 15 99 = 12426 30 = 15 99 = 12426 30 = 15 99 = 12426 30 = 15 99 = 12426 30 = 15 99 = 12426 30 = 15 99 = 12426 30 = 15 99 = 12426 30 = 15 99 = 12426 30 = 15 99 = 12426 30	Wells	000	1	ı	ı	ı	۱.	I	1 7	7 6	V	1	1 :	V C			
12 45 30 15 40 - 144 481 1148 1 635 1 99 -	Whitley	402			1 1	1		1 1		37	t 14	1 1	1	0 0			
	Total	12 426				1								77			

Forest Survey Unit All Eastern Jack Shortleaf Red White Vine Pine White Vine Pine Upland Flats Unit 362 * - - - - Dearborn Fayette Franklin Franklin Jefferson 597 * -									
species redcedar pline pline 362 * 224 - 224 - 597 * 720 * 2,099 * 111 - 835 * 120 6 265 - 265 - 7 7	White Virg	Total	Soft I	Hard Paper	r River h birch	Hickory	Pecan Hackberry	rersim:	Beech
362 *	ı	-		ı	ı				
224			4	26	1	12	1	1	10
224	1		0 0	0 0	1	4	1	1	80
597 * 3 111	1	l +	7 :	77		2 7	1	1	23
720 * 3 1 1 111		* ;	4 .	040			1	1	7
2,099 * 111	_ 25	. 58	21		ı •	78	-	ı	09
835 *	· -	4	5 C	2 5	-	0 4	. 1	1	1
835 *	1	1 5	N Ç	7 - 0		20	1	1	23
120 6	- 6	/١	<u> </u>	/ 7] -	1	1	*
5.332 8 - 7 1	*	0	† †	0 2		- 21	1	1	12
5.332 8 - 7 1			- 10		-	173			144
			١	010	- 22	A 238	44 221	-	1.484
fal 6		8 747	2,937	5,024	17	4,630		Cocca from the formal transfer of the Fig.	10000

Forest Survey Unit								The same of									
and county	Ash	Black walnut Sweetgum	eetgum	Yellow- poplar	Tupelo	Tupelo Sycamore	Cotton- wood	Aspen	Black cherry	Red oak group	White oak group	Black locust S	Sassafras	Basswood	Elm	Kentucky coffeetree	Total hardwoods
Knobs Unit Brown	53	14	14	302	1	37	10	1	44	465	247	1	4	70	*	ı	1 497
Clark	20 00	. m	. rc	143	1		7	1	21	204	118	I	-	4	1	1	727
Crawford	125	ı ro	. 10	286	*	32		1	24	434	242	1	. 0	. 2	6	1	1,469
Dubois	178	6	45	455	*	63	15	*	29	536	278	ı	2	က	13	1	2,098
Floyd	18	က	=	59	ı	2	7	I	11	74	7.0	I	-	4	1	1	298
Hamison	185	80	ω	354	I	22	80	ı	54	568	311	I	-	7	-	1	2,030
Jackson	190	11	39	532	I	36	40	ı	52	778	307	1	4	8	5	1	2,490
Lawrence	197	12	38	444	*	20	13	*	44	631	240	ı	*	-	7	1	2,229
Monroe	58	14	15	382	1	32	11	1	45	463	198	1	2	3	2	1	1,537
Morgan	29	27	4	408	1	1	2	1	79	470	211	1	9	8	*	1	1,617
Orange	169	10	37	502	*	63	15	*	48	610	259	1	*	7	9	1	2,232
Owen	174	28	19	852	*	96	18	*	71	827	373	I	6	6	16	1	3,187
Perry	85	9	21	156		26	3	1	28	282	208	1	2	7	2	i	1,074
Scott	114	က	42	210	1	40	16	1	19	244	102	1	-		2	1	952
Spencer	118	4	18	171	*	26	5	1	26	319	201	1	2	1	က	1	1,241
Warrick	85	2	22	264	*	23	12	1	11	301	141	1		1	က	1	1,061
Washington	200	12	62	638	1	58	40	1	128	965	553	I	က	-	0	1	3,352
Total	2.069	169	414	6,158	-	640	223	1	734	8,169	4,060	1	40	63	73	1	29,092
Lower Wabash Unit																	
Clay	141	11	10	593	•	58	17	*	47	629	261	1	1	12	თ	1	2,219
Daviess	85	ω	45	294		69	15	*	19	372	145	1	*	1	Ξ	1	1,377
Gibson	47	-	18	65	*	25	11	*	4	101	29	1	I	1	-	1	499
Greene	102	17	36	530		80	17	*	40	686	338	I	-	2	24	1	2,555
Knox	58	က	16	96	*	25	17	*	15	172	86	I	-	*	-	1	629
Martin	88	80	31	306	*	49	1	*	23	393	175	1	I	ı	o	1	1,431
Parke	118	16	10	624	4	73	34	1	34	999	225	I	13	14	13	1	2,057
Pike	96	9	33	173		43	16		15	238	125	1	-	*	က	1	1,040
Posey	14	*	5	28	*	12	9	*	2	54	52	1	1	1	*	1	228
Putnam	103	17	ω	550	*	47	18	*	49	517	173	1	7	8	10	1	1,800
Sullivan	34	က	18	150	-	31	7	*	12	183	100	ı		-	18	1	825
Vanderburgh	43	-	11	47	*	16	10	*	5	74	20	1	*	1	-	1	377
Vermillion	16	2	ω	94	1	21	12	1	9	110	54	I	•	4	-	1	389
Vigo	167	6	12	337	*	44	15	*	35	621	406	1	9	10	27	1	2,077
Total	1,115	100	261	3,888	5	593	205	5	306	4,746	2,289	1	30	20	130	1	17,553

Forest Survey Unit and county	Ash	Black walnut Sweetgum		Yellow- poplar	Tupelo Sycamo	Sycamore	Cotton- wood	Aspen	Black	Red oak group	White oak group	Black locust S	Sassafras	Basswood	EIm	Kentucky coffeetree h	Tota ≀ardwood≰
Northern Unit	06	c	1	<		α	ď		Φ	2	08		1	ď	c		301
Allen	65	12	1	· =		12	7	ı	20	124	81		1	5	1 4	-	485
Bartholomew	23		2	114	1	9	2	1	32	222	124	1	-	-	*		645
Benton	-	*	1	7	1	-	15	1	-	24	29	1	1	1	1	1	100
Blackford	2	*	ı	-	I	2	-	1	-	80	13	1	ı	1	1	1	36
Boone	89	2	1	15	1	9	9	1	6	13	18	1	1	80	1	1	12:
Carroll	17	2	1	17	1	7	24	1	24	54	47	1	1	14	ო	1	31,
Cass	23	7		28	I	12	40	I	34	92	99	1	*	18	7	1	44;
Clinton	6	2	ı	Ξ	1	9	9	ı	6	14	19	1	*	89	1	1	12.
De Kalb	22	13	1	22	1	18	12	ı	27	139	66	ı	•	15	ω	-	109
Decatur	101	2	2	84	1	12	4	I	12	151	119	1	1	2	-	ı	57
Delaware	က	4	1	2	I	*	1	1	2	0	11	1	ı	*	*	1	ró M
Elkhart	56	က	-	20	ı	o o	8	ı	36	89	45	*	-	12	വ	-	416
Fountain	18	7	4.	94	I	24	22	1	9	110	28	1	. .	വ	- 1	1	40
Fulton	10	7	*	-	1	က	20	1	21	51	46	1	*	7	2	1	23(
Grant	21	2	1	2	1	7	-	ı	2	23	25	1	1	-	-	1	6
Hamilton	œ	2	1	ω	ı	9	9	ı	80	12	17	1	1	ω	I	1	116
Hancock	2	-	1	ო	1	*	1	ı	က	10	25	1	1	-	1	I	4
Hendricks	4	7	ı	58	I	-	-	I	25	84	28	1	-	က	1	I	278
Henry	6	-	1	Ξ	1	*	1	1	2	19	26	1	1	-	*	ı	8
Howard	10	2	*	Ξ	I	7	10	I	10	14	19	ı	*	6	-	1	13
Huntington	22	4	1	-	I	7	က	1	16	28	24	1	1	9	ო	-	17.
Jasper	-	*	ı	-	I	*	10	1		21	25	1	1	1	I	I	7.
Jay	- (. (1 •	* (+	* •	I +	1	* 6	4 10	တ (1	1 7	1 9	ı	ı	÷ ;
Johnson	9 1 00	ָרָ מֹ		8	r			1	17	121	60 C	1	- ,	N	1 0	1 3	7 4
Kosciusko	3/	E ;	ı	L 7 C	ı	N H	- <	1	/ 4 /	500	7 07	[*	- c	10	m (- 4	4 T
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Marshall	14	2	1	21	1	4	-	1	33	98	31	1	*	6	2	1	299
Miami	33	6	*	29	1	ω	80	1	82	110	25	I	*	12	2	I	460
Montgomery	28	2	4	06	1	26	17	1	4	118	68	ı	1	12	-	ı	48
Newton	-	*	1	-	1	*	15	1	-	23	27	1	1	1	1	1	æ
Noble	20	12	1	15	ı	o .	7	1	25	111	77	*		12	വ	-	45.
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Tippecanoe	17	4	1	20	I	Ξ	32	1	=	46	52	1	1	6	-	I	27(
Tipton	10	2	1	10	1	9	9	1	10	14	18	1	1	8	1	ı	121
Wabash	22	4	*	12	1	S	S	1	21	31	24	ı	*	7	ო	I	198
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								Hardwoods	2000/								
Forest Survey Unit		Black		Yellow-			Cotton-		Black	Red oak	Black Red oak White oak	Black			Ken	Kentucky	Total
and county	Ash	walnut Sweetgum	eetgum	poplar	Tupelo Sycamore	ycamore	poom	Aspen	cherry	group	group	locust 8	Sassafras	locust Sassafras Basswood	Elm coffeetree	etree har	rdwoods
Upland Flats Unit																	0
Dearborn	64	5	8	80	1	7	*		12	79	44	1	*	4		ı	362
Favette	23	0	1	31	ı	80	1	1	12	37	52	1	-14	2	*	ı	224
Franklin	76	m	-	132	1	12	-	1	15	149	112	1	*	2	4	ı	297
lefferson	87	m	13	182	1	15	1	1	19	188	86	1	*	*	4	ı	691
lennings.	221	0 4	48	506	1	43	80	1	22	630	325	1	-	2	2	ı	2,095
Ohio	· 65	-	. 1	24	I	*	1	I	ဗ	30	31	1	-	-	1	ı	111
Binley	126	-	25	196	1	16	80	1	13	206	131	1	I	-	-	ı	818
Switzerland	27	*	1	32	1	*	1	1	2	35	25	1	I	*	æ	ı	113
Union	63	-	-	35	1	6	-	1	က	35	38	-	1	-	1	1	265
Total	700	20	91	1,218	1	111	18	1	102	1,388	844	1	2	13	7	1	5,276
State total	4.868	480	781	12,374	9	1,616	836	9	1,984	17,214	9,263	-	85	421	288	2	64,203

Table 19. -- Disposition of residues produced at primary wood-using mills by Forest Survey Unit, disposition, residue type, and softwoods and hardwoods, Indiana, 2000

(In thousand green tons)

					Position type	4,420		
Forest Survey Unit	All material	rial	Coarse		Fine	246	Bark	
and disposition	Softwood	Hardwood	Softwood H	Hardwood	Softwood	Hardwood	Softwood	Hardwood
Knobs Unit		1						
Fiber products	1.98	255.10	1.25	195.97	0.73	57.96	1	1.17
Industrial fuel	0.19	69.53	0.14	33.79	0.01	26.49	0.04	9.25
Domestic fuel	0.48	41.76	0.34	36.16	ı	0.32	0.14	5.28
Miscellaneous ³	3.56	209.95	1.82	34.27	0.85	86.99	0.89	108.70
Not used	0.24	8.14	0.13	4.13	0.05	2.37	90.0	1.64
Total	6.45	584.50	3.68	304.32	1.64	154.13	1.13	126.05
Lower Wabash Unit								
Fiber products	1	154.56	1	133.58	1	20.98	ı	ı
Industrial fuel	1	13.56	I	1	1	13.56	1	1
Domestic fuel	0.01	13.11	0.01	10.00	1	1	0.01	3.11
Miscellaneous ³	*	148.37	1	32.34	*	46.51	1	69.52
Not used	1	6.17	1	2.77	1	2.29	1	1.11
Total	0.02	335.78	0.01	178.70	*	83.35	0.01	73.73
Northern Unit								
Fiber products	1	20.06	1	90.07	1	1	1	1
Industrial fuel	0.03	70.91	0.05	47.95	1	21.60	0.01	1.36
Domestic fuel	0.36	21.64	0.14	17.11	1	1	0.22	4.53
Miscellaneous ³	1.08	163.17	0.43	34.23	0.47	58.78	0.18	70.16
Not used	0.01	5.43	1	3.75	0.01	0.11	1	1.57
Total	1.47	351.21	0.59	193.11	0.47	80.48	0.41	77.62
Upland Flats Unit			-					
Fiber products	1	17.24	I	17.24	ı	1	ı	ı
Industrial fuel	0.01	4.58	0.01	0.22	1	4.27	*	60.0
Domestic fuel	90.0	10.17	0.04	7.24	1	1	0.02	2.93
Miscellaneous ³	1.19	37.30	0.56	9.30	0.39	16.85	0.24	11.15
Not used	0.16	1.66	0.10	0.41	0.05	1.08	0.04	0.17
Total	1.42	96.02	0.71	34.41	0.41	22.20	0.30	14.35
All Units								
Fiber products	1.98	516.97	1.25	436.86	0.73	78.94	ı	1.17
Industrial fuel	0.23	158.58	0.17	81.95	0.01	65.92	0.05	10.71
Domestic fuel	0.93	86.69	0.54	70.51	1	0.32	0.39	15.86
Miscellaneous ³	5.83	558.78	2.81	110.14	1.71	189.12	1.31	259.52
Not used	0.41	-1	0.23	11.07	0.08	5.85	0.10	4.49
Total	9.37	1,342.44	2.00	710.53	2.52	340.16	1.85	291.75
* ese than 5 green tons								

Less than 5 green tons.

Suitable for chipping such as slabs, edgings, veneer cores, etc.

Not suitable for chipping such as sawdust, veneer clippings etc.

³ Livestock bedding, mulch, small dimension, specialty items, etc.

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Piva, Ronald J.; Gallion, Joey.

2003. Indiana timber industry—an assessment of timber product output and use, 2000. Resour. Bull. NC-216. St. Paul, MN: U.S. Department of Agriculture, Forest Service, North Central Research Station. 109 p.

Discusses recent Indiana forest industry trends; production and receipts of industrial roundwood; and production of saw logs, veneer logs, and pulpwood in 2000. Reports on logging residue generated from timber harvest operations. Also reports on wood and bark residue generated at primary wood-using mills and on disposition of mill residues.

KEY WORDS: Industrial roundwood, harvest residue, mill residue, production, receipts, saw logs, veneer logs

The Forest Inventory and Analysis web site is: www.fia.fs.fed.us

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